

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Application for a Drilling Authority  This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.  In compliance with the "Canada Oil and Ges Land Regulations", application is hereby made for approval to drill:—  Name and number of well. Chevron. SOBC. WM. N. Parkin. YT. D-61.  Location: Unit. D. Section. 61. Grid. 66-30.—137-00.  Latitude. 56-20:12." Longitude. 137:13:01."  Unique Well Identifier. 3000616630137000.  Universal Well Location Reference. 14: 65.33656° NI., Long. 137:21695° M.  Universal Well Location Reference. 14: 65.33656° NI., Long. 137:21695° M.  Well is expected to produce from. Middle. evontian. Carbonate. General 138.0.  Well is expected to produce from. Middle. evontian. Carbonate. General 11, 10, 00.  Area assigned to well. (for Ditrict Conservation Engineer's use only)  Permit No. 3345. Lease No. Acreage. 51, 286.  Permittee, licensee, or lessee. Western. Mineralls. Ltd  Explanatory Licensee No. 1944. Ltc. No. for SOBC. 1914.  Surface owned by Crown 8K. (fraitenated submit name and address of owner and occupant.)  Petroleum and natural gas rights owned by.  We propose to use the following strings of casing, either cementing or landing them as indicated below.—  Casing Sire OD. (Inches) Weight (Lb-Rs.). Grade. New or Used. Estimated Depth Sacks of Cement. 1. 1. 9. 4. 7. 1. approx. Welded. New or Used. Estimated Depth Sacks of Cement. 1. 1. 9. 4. 7. 1. approx. Welded. New or Used. Estimated Depth Sacks of Cement. 1. 1. 9. 4. 7. 23.26. K-55. New. 3,500. 1000. & 2. 46/5k. p. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		OIL AND MINERA	L DIVISION	*	
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Name and number of well Chevron SOBC WM N. Parkin YT D-61  Location: Unit D Section 61 Grid 66-30 - 137-00  Latitude .66°20' 12" Longitude 137°13' 01"  Unique Well Identifier. 3000616630137000.  Universal Well Location Reference. Lat. 66.33666° N., Long. 137:21695° N.  Universal Well Location Reference. Lat. 66.33666° N., Long. 137:21695° N.  Elevation: Ground 1580 V.B. 1595 (Bst.) feet above sea-level.  Well is expected to produce from Middle evonian Carbonate form of feet. Expected total final depth 11,000  Area assigned to well (for District Conservation Engineer's use only)  Permit No. 3345 Leas No. Acreage 51,286  Permittee, licensee, or lessee Western Minerals Ltd.  Explanatory Licence No. Lic. No. for SOBC 1914  Surface owned by Crown BK (frainsated submit name and address of owner and occupant.)  Petroleum and natural gas rights owned by We propose to use the following strings of casing, either cementing or landing them as indicated below:—  Casing Sire O.D. (Inches) Weight (Lb./Fs.) Grade New or Used Estimated Depth Sacks of Cement 1. 19. 47.1, approx. Welded Pew 90KB 180. 700  1. 19. 47.1, approx. Welded Pew 90KB 180. 700  2. 13-3/8 54 K-55 New 3,500 1000 6 2.4#/sk pr hydrated ge 3.9-5/8 36 K-55 New 3,500 1000 6 2.4#/sk pr hydrated ge 4.7 23,26 K-55 New 3,500 1000 6 2.4#/sk pr hydrated ge 5.  Expected water, gas, and oil horizons and type of control equipment. Blackie. Tuttle & Middle Devonian carbonate. 12. Sep. 90°. Rydral GK., 12" Sep. 900. Shaffer. Type E. Double. Gate. Hydraulic, Payne. 80. 63. Accupantator, and Remote. Controls.  Well will be drilled with Rotary Rig No. 1. by Nabora Drilling Contractor company)  440, 444 - 7th Avenue S.W., Calgary, Alberta  Responsible agent of applicant:— Contractor's Business Licence No. Address 400 Fifth Ave. S.W., Calgary Mirror November. 19 71. Signed by Company Cheuron Standard Distriction Late of the Company Cheuron Standard Distriction Late of the Company Cheuron Standard Distriction. 19 71. Signed by Company Cheuron Standard Distriction.	by the Surveyor General showing the				
Location: Unit D Section 61 Grid 66-30 - 137-00  Latitude 66°20'12" Longitude 137°13'01"  Unique Well Identifier 300D61663D137000 Universal Well Location Reference. Lat. 60°, 33666° N.; Long: 137.21695° M.  Elevation: Ground 1580  Well is expected to produce from Middle evontian Carbonate formation at a depth of about 7900 feet. Expected total final depth 11,000.  Area assigned to well (for District Conservation Engineer's use only)  Permit No. 3345  Lease No. Acreage 51,286  Permit No. 3345  Lease No. Acreage 51,286  Permit Leicensee, or Iessee Western Minerals Ltd.  Explanatory Licence No. 15744  Lic. No. for SOBC 1914  Surface owned by Crown 8K (If aliensted submit name and address of owner and occupant.)  Petroieura and natural gas rights owned by  We propose to use the following strings of casing, either cementing or landing them as indicated below:  Cessing Sire O.D. (Inches) Weight (Lb./PL) Grade New or Used Estimated Depth Sacks of Cement  1. 19. 47.1 approx. Melded Pew 90KB, 180.  2. 13-3/8 54 K-55 New 3,500 1000 & 2.448/sk prhydrated ge  4. 7 23,26 K-55 New 3,500 1000 & 2.448/sk prhydrated ge  5. New 3,500 1000 & 2.448/sk prhydrated ge  5. New 3,500 1000 & 2.448/sk prhydrated ge  6. New 10 be determined  6. New or Used Estimated Depth Sacks of Cement  1. 19. 47.1 approx. Melded Pew 90KB, 180.  2. 13-3/8 54 K-55 New 3,500 1000 & 2.448/sk prhydrated ge  6. New 10 be determined  7. 12 Ser. 90° (Nyth)1. GK, 12" Ser. 900. Shaffer Type E Double Gate Hydraulic, Payne 80 Gell Accumulator, and Reports Control of the change of plan will be submitted.  7. New 10 November Novemb		a Oil and Gas Land Reg	gulations", application	is hereby made	for approval to
Unique to Isotrice. Lat. 66.33666 N., Long. 137.21695 M.  Universal Well Location Reference. Lat. 66.33666 N., Long. 137.21695 M.  Universal Well Location Reference. Lat. 66.33666 N., Long. 137.21695 M.  Elevation: Ground Ground Middle evonian Carbonate formation at a depth of the sepected to produce from Middle evonian Carbonate formation at a depth of the special of the sepected to a special of the special	Name and number of well . Chevror	n SOBC WM N. Parl	kin YT D-61		
Media   Sepected to produce from   Middle   evonian Carbonate   formation at a depth of about   7900   feet   Expected total final depth   11,000	Location: Unit D Latitude . 66 <sup>o</sup> 20'12" Unique Well Identifier . 300 Universal Well Location Ref	Section 61. Lo DD616630137000 Ference Lat. 66.33	ongitude 137°13'0	rid 66–30 – 1" 137:21695°	137–00
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1. 19. 47.1 approx. Welded Pew 90KB 180. 2. 13-3/8 54 K-55 New 680 700 3. 9-5/8 36 K-55 New 3,500 1000 & 2.4#/sk proximate to the following conditions:  Expected water, gas, and oil horizons and type of control equipment. Blackie, Tuttle & Middle Devonian carbonate 12". Ser. 90° Hydril GK, 12". Ser. 900 Shaffer Type E Double Gate Hydraulic, Payne 80 Gal. Accumulator and Remote Controls.  Well will be drilled with Rotary Rig No. 1. by Nabors. Drilling Ltd. (Drilling Contractor or company)  440, 444 - 7th Avenue S.W., Calgary, Alberta  Responsible agent of applicant:— Contractor's Business Licence No. At well R. K. Connon At registered office. R. G. Richardson Address 400 Fifth Ave. S. W. Calgary Address 400 Fifth Ave. S. W. Calgary is it is understood that if changes become necessary, notice of the change of plan will be submitted. Dated at Calgary this 17 day of November 19.71 Signed by Company CHEVRON STANDARD LIMITED.  Title Project Manager Operator's Licence No. 1913  (For Oil and Mineral Division use only)  APPROVED  This application has been examined and approved subject to the following conditions:	Permittee, licensee, or lessee . Wests Explanatory Licence No	ern Minerals Ltd. 1944 (If alienated submit	Lic. No. for SC	BC 1914	
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bonate - 12" Ser. 90° Hydril CK, 12" Ser. 900 Shaffer Type E Double Gate Hydraulic, Payne 80 Gal. Accumulator and Remote Controls.  Well will be drilled with Rotary Rig No. 1. by Nabors Drilling Ltd. (Drilling Contractor or company)  440, 444 - 7th Avenue S.W., Calgary, Alberta  Responsible agent of applicant: At well. R. K. Connon At registered office. R. C. Richardson Address 400 Fifth Ave. S.W. Calgary Address 400 Fifth Ave. S.W., Calgary It is understood that if cannes become necessary, notice of the change of plan will be submitted.  Dated at Calgary.  Signed by Calgary this 17 day of November. 1971  Signed by Operator's Licence No. 1913.  (For Oil and Mineral Division use only)  APPROVED  This application has been examined and approved subject to the following conditions:	2. 13-3/8 54 3. 9-5/8 36 4. 7. 23, 26	K-55 K-55 K-55	New New New	680 3,500 To be de	700 1000 & 2.4#/sk pre
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This application has been examined and approved subject to the following conditions:	
Dated December 9, 19.71. District Conservation Engineer	
Forms to be submitted to District Conservation Engineer,	
Department of Indian Affairs and Northern Development.	

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 565
FOR GHAVEOUR SCHOOL N. PARKIN IF D 61 122004 Dec. 9/71

- 1. Copies of this Drilling Anthority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.
- 2. The Company will submit to this office, on Tuesday of each week/dails the latest reports received by radio on the progress of the well.
- 3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.
- 4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
- 5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.

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M. D. Thomas District Conservation Engineer Districts 2 & 3

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