| Form 3160-3 : July: 1989) (formerly: 9-3 | 331C) | UNITED S EPARTMENT OF BUREAU OF LAND | THE INTER | • | CONTACT OFFICE FOI OF COPIES R (Other instructio reverse side) | • | SLM Roswi Modified Fr NM060-311 5. LEASE DESK | ell District orm No. 60-2 GNATION A | ND SERIAL NO. | | |
|---|---|--|--------------------|-------------|--|---------------|--|--|---------------------|--|--|
| APPLICA | ATION FOR | PERMIT TO D | RILL, DEE | EPEN, | OR PLUG | BACK | | | OR TRIBE NAME | | |
| THE TYPE OF WORK | DRILL 🛛 | DE | | | PLUG BAC | к 🗌 | 7. UNIT AGREE | MENT NAM | IE | | |
| DE WELL | GAS U | OTHER | | | | -E | 8. FARM OR L | EASE NAM | E | | |
| 2. NAME OF OPERA | | | | | 3a. AREA CODE & PH | ONE NO. | West | Corbin | Federal | | |
| Southland | Royalty Comp | bany | | | 915/686-560 | 00 | 9. WELL NO. | | | | |
| 3. ADDRESS OF OPE | | | | | | | | 30 | | | |
| | Dr., Midland, | | | | | | 10. FIELD AND | POOL, OR | WILDCAT | | |
| At surface | & 550' FEL | on clearly and in accorda | ince with any Stat | te requirei | ments.*) | | 11. SEC., T., R AND SURVE | ., M., OR Y OR ARE | 4 | | |
| 14 DISTANCE IN M | LES AND DIRECTION | FROM NEAREST TOWN O | R POST OFFICE* | | | | 12. COUNTY OR | | BS, R33E | | |
| | | | | | | | Lea | | NM | | |
| 12 miles southeast of Maljamar, NM 15. DISTANCE FROM PROPOSED* 10.COATION TO NEAREST 12.COATION TO NEAREST 13.COATION TO NEAREST 14.COATION TO NEAREST 15.COATION TO NEAREST 12.COATION TO NEAREST 13.COATION TO NEAREST 14.COATION TO NEAREST 15.COATION TO NEAREST 15.COATION TO NEAREST 16.NO. OF ACRES IN LEASE 17.COATION TO NEAREST 17.COATION TO NEAREST </td <td colspan="5">17. NO. OF ACRES ASSIGNED TO THIS WELL 80</td> | | | | | | | 17. NO. OF ACRES ASSIGNED TO THIS WELL 80 | | | | |
| 13. CISTANCE FROM | PROPOSED LOCATIO | ×× | 19. PF | ROPOSED | DEPTH | 20. ROTAR | OR CABLE TOO | | · | | |
| TR APPLIED FO | ELL, DRILLING, COM R, ON THIS LEASE, | PLETED, FT. 1 221 | , | 1 | 1,550' | | Ro | tary | | | |
| 21. ELEVATIONS (Sh | low Whether DF, RT | , GR. ETC.) | | | | *** | | | K WILL START * | | |
| 39 23.5' GR | ł. | | | | | | 01 | June | 199 1 | | |
| 23. | | PROPOSE | D CASING AND |) CEME | NTING PROGRA | M | | | | | |
| HOLE SIZE | CASING SIZE | WEIGHT/FOOT GRA | | | THREAD TYPE | SETTING DEPTH | | QUANTITY OF CEMENT | | | |
| 17-1/2" | 13-3/8" | 48# | K-55 | | STC | | 350' | | sx- <u>Circ</u> . | | |
| 12-1/4" | 8-5/8" | 24# & 28# | K-55 | · | STC | 2 | 900' | + | 0 sx- <u>Circ</u> , | | |
| 7-7/8" | 5-1/2" | 15.5# & 17# | K-55 | | STC | 1 | 1,550' | 2 | 2100 sx | | |

Drill 17-1/2" hole to 350'. Set 13-3/8" csg @350' & cmt w/350 sx Class C. Circ. Drill 12-1/4" hole to 2900'. Run fluid caliper. Set 8-5/8" csg @2900'. Cmt: Lead w/1200 sx Lite C & tail in w/200 sx Class C. Circulate. Drill to TD to test Middle and Lower Wolfcamp. 5lf commercial, run 5-1/2" csg to 11,500'. Cmt w/sufficient volume to bring cmt above all prospective zones. Est. TOC @2900'. Perf. and stimulate the Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350'-2900' brine; 2900'-10,200' cut brine and sweeps (chlorides 30,000+ ppm); 10,200'-TD cut brine and Drispac. MW 9.0-9.2 (solids must be less than 5% w/VIS 32-36).

BOP PROGRAM: 13 5/8" 2M annular BOP to be installed on the 13 3/8" csg. 11"-3M stack to be installed on the 8 5/8" and left for remainder of drilling. The stack is to consist of an annular BOP, a blind ram BOP, and one pipe ram BOP. Test the BOP's after setting the 8 5/8" csg using an independent tester.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

| SIGNED Rebert & Brade haw | | Sr. Staff Env./Reg. Spec. | DATE _ | 20 March 1991 |
|---|---|---|--------------|--------------------------|
| (This space for Federal or State office use) | | | | |
| PERMIT NO | - | APPROVAL DATE | | |
| APPROVED BY | | en e | DATE | 5-1-11_ |
| ArPROVAL SUBJECT TO | | | | |
| GENERAL REQUIREMENTS AND | | | | |
| SPECIAL STIPULATIONS | *See Instruct | ions On Reverse Side | | |
| TLE TRANSFILECTION, 1001, makes it a crime for any per citious or fraudulent statements or representations as to a | rson knowingly and any matter within it: | willfully to make to any department or age s jurisdiction. | ncy of the l | Inited States any false, |

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

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DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

| H 7 18 South 33 East NMPM Lea nual Footage Location of Well: 1880 550 Feet from the East line | Operator Meridian ()il Inc. | | | West Corbin Federal | | | | | Weil No. 30 | | |
|---|---|---------------------------------|---|--|--|---------------------------------------|-----------------|---|---|--|---|
| H 7 18 South 33 List NMPM Lea Hail Focupe Location of Well: North Ine and 550 feet from the East Ine Name Kerel Elev. Producing Formation Pool South Corbin 80 Acres 1. Outline the screage dedicated to the subject well by colored pencil or hadraue marks on the pile below. 10 10 80 Acres 1. Outline the screage dedicated to the well by colored pencil or hadraue marks on the pile below. 11 more than one lease of different orwenhip is dedicated to the well, have the interest of all owners been consolidated by commutatization, unutization, force-opooling, force-opoling, force-opoling, force-opoling, or otherwise) 11 arever in "to" is the owners and the description which have schallably been consolidated. (Use reverse ade of the form if accessary.) No Howshell be subject well built all information which have schallably been consolidated. (Use reverse ade of the form if accessary.) No Howshell be subject well built all information which have schallably been consolidated. (Use reverse ade of the form if accessary.) No Howshell be subject well built all information well be accessible well built all information which have schallably been consolidated. (Use reverse ade of the form if accessary.) No Howshell be subject well built all information which have schallably been consolidated. (Use reverse ade of the form if a more schallably been consolidated. (Use reverse ade of the schall been inthe schallably been consolidated.) No H | | | | | Range | | | Cou | inty | ····· | |
| Init Fockge Location of Well: Not the line and 550 feet from the Edst line 19:3.5 Woll feating Formation Bod Acres 10:3.5 Woll feating Formation Bod Acres 1: Outline interest and interest and interest in the during interest and royality). 3.1 fmore than one fease is dedicated to the well, have the interest of all owners been consolidated by communitization, unitation, fore-pooling, etc.? Yes No If same is 'no' list the owners and interest and interest in 'yes' itype of consolidation If same is 'no' list the owners and interest and the enconsolidated (Use reverse nade of the form is 'no' list the owners and interest and the consolidated by communitization, unitations, fore-pooling, etc.? OPERATOR CERTIFICATION 1:6 units the owner and interest and interest and the consolidated by communitization, unitations, fore-pooling, etc.? OPERATOR CERTIFICATION 1:6 units and the well will all interest and the consolidated (Use reverse nade of the form is 'no' list the owner) Or unit a non-standed unit, simulation, interest and the consolidated (Use reverse nade of the form the 'no' list the owner) 0:0 unit a non-standed unit, simulation, the exact being of the consolidated of the being of the beater is in the owner beat is of the prevision of the beat of and its of the beat is of the beat of the beat is of the beat is of the beat is of the b | | 7 | | 8 South | | Last | NL | | | a | |
| Inter and level Elev. Producing Formation 1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1: | | | | | -+ | | | ##.4*#.J | | | |
| 1. Outline the screege dedicated to the subject well by colored peecil or hadsure marks on the plat below. 2. If more than one lease is dedicated to the well, outline sch and identify the ownerhip theorem thip thereof (both as to working interest and royalty). 3. If more than one lease of different overship is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? | 1880 feet (| from the | - | line and | 550 | | feet f | rom the | | | |
| 1. Outline the arrange dedicated to the subject well by colored procil or tachum marks on the ptai below. 2. If more than one lease is dedicated to the well, calline each and identify the ownership thereof (both as to working interest and royality). 3. If more than one lease is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? The set of the se | und level Elev. | | | | | • • • • | | | l I I | | eage: |
| 2. If more than one lease is dedicated to the well, bave the interest of all owners been consolidated by communitization, interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, interest and royalty). 3. If more is 'no' list the owners and tract descriptions which have actually been consolidated. (Use reverse nde of that from if accessory | | | | | | | | | | 80 | Acres |
| uditization, force-pooling, dc.? If answer is 'no' lif it be ownern and trace descriptions which have actually been consolidated. (Use reverse ade of this form is 'no' lif it be ownern and trace descriptions which have actually been consolidated. (Use reverse ade of this form is 'no' lif it be ownern and trace descriptions which have actually been consolidated. (Use reverse ade of this form is 'no' lif it be ownern and trace descriptions which have actually been consolidated. (Use reverse ade of this form is accessing) No allowable will be assigned to the well until all interests have been approved by the Division. OPERATOR CERTIFICATION <i>I hareby certify that the underst</i> consisted herein in true and complete <i>I</i> been of my hownledge and beligf. Standard State of my hownledge and beligf. Standard State of my hownledge and beligf. Standard Meridian Oil Inc. Date 3928.0 <i>Spanne & Scal of my hownledge</i> beligf. Date Surveyor March 13, 1991 Signature & Scal of my hownledge beligf. Date Surveyor March 13, 1991 Signature & Scal of my hownledge Su | 2. If more than | one lease is dedica | nted to the well | l, outline each an | d identify the ow | nership thereo | f (both as to w | | | | |
| OPERATOR CERTIFICATION I hareby certify that the inform contained herein in true and complete I best of my knowledge and belief. Signature Robert L. Bradshaw Position Sr. Staff Env/Reg Spec. Company Meridian 0il Inc. Date SURVEYOR CERTIFICATIO I hereby certify that the well location on this plat was plotted from field an actual survey made by me or my knowledge build. Date Surveyed March 13, 1991 Signature & Seal of Protesional Surveyor March 13, 1991 Signature & Seal of Protesional Surveyor | unitization, fo Yes If answer is "po this form if nece No allowable w | " list the owners a cessary. | No If a and tract descri the well until a | inswer is "yes" ty ptions which hav ill interests have i | pe of consolidation of consolidation of consolidation of consolidated been consolida | on onsolidated. (I (by communi | Use reverse si | de of | | | |
| on this plat was plotted from field no actual surveys made by me or unde supervison, and that the same is true correct to the best of my knowledge belief. Date Surveyed March 13, 1991 Signature & Scal of Professional Surveyor | | | | | | 3928.Ir | 188 | Contai best o Signat Printe Robi Position Sr. Comp Mer Date 3/2 | hereby c. ined herein (my knowled ure d Name ert L. on Staff idian 0 L/91 SURVEYC | erify that in true and lege and belief Bradshau Env/Reg il Inc. | Spec. |
| | | | | | | | | on il actua super corre beliej Date | his plat was al surveys of rvison, and act to the f. Surveyed March ature & Scal | plotted from made by mi that the sa best of my 13, 199 of | m field no e or unde me is tru knowledge |
| | | | | | | | | Con | | NALD J. EI | DSON, |



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