SOIL CONSERVATION DIVISION MCDONNOLD OPERATING, INC. RECEIVED 505 N. Big Spring, Suite 204

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505 N. Big Spring, Suite 204 Midland, TX 79701-4347 915/682-6396 FAX 915/682-4823

August 18, 1994

Oil Conservation Commission Attn: Mr. Mike Stogner P. O. Box 2088 Santa Fe, NM 87504

Re: Langlie Mattix Pool Jack A-29 Lease Section 29, T-24-S, R-37-E Lea County, NM

Gentlemen:

McDonnold Operating, Inc. request approval for an unorthodox location located 2364' FNL & 1126' FEL, Section 29, T-24-S, R-37-E on its Jack A-29 Lease. Attached for your review is a plat and the approved Application for Permit to Drill or Deepen from the BLM.

If we can be of any further assistance, please call me at (915) 682-6396.

Very truly yours,

McDONNOLD OPERATING, INC.

M. Me Da By:

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Craig M. McDonnold, President

CMMc:rb Enclosure

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*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its iurisdiction.

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^() Other Janua-Rav/Neutron logs shall be run from the base of the Salado formation to the surface's cable speed not to exceed 30 feet ner minute.

OPERATOR'S COPY _

SPECIAL DRILLING STIPULATIONS

THE FOLLOWING DATA IS REQUIRED ON THE WELL SIGN

OPERATOR'S NAME	McDonnold Operating I	nc.	WELL NO. & NAMEJack A-29 #9
LOCATION 2364'	FN L&1126'F E	L	SEC. 29 , T. 24S ., R. 37E .
LEASE NO. NM-7	486	LEA	COUNTY NEW MEXICO

The special stipulations check marked below are applicable to the above described well and approval of this application to drill is conditioned upon compliance with such stipulations in addition to the General Requirements. The permittee should be familiar with the General Requirements, a copy of which is available from a Bureau of Land Management office. EACH PERMITTEE HAS THE RIGHT OF ADMINISTRATIVE APPEAL TO THESE STIPULATIONS PURSUANT TO TITLE 43 CFR 3165.3 and 3165.4.

This permit is valid for a period of one year from the date of approval or until lease expiration or termination whichever is shorter.

I. SPECIAL ENVIRONMENT REQUIREMENTS

() Lesser Prairie Chicken (Stips attached)
 () Floodplain (Stips attached)
 () Other

II. ON LEASE - SURFACE REQUIREMENTS PRIOR TO DRILLING

(\checkmark) The BLM will monitor construction of this drill site. Notify the () Carlsbad Resource Area Office at (505) 234-5272 (\checkmark) Hobbs Office at (505) 393-3612, at least 3 working days prior to commencing construction.

($\sqrt{}$ Roads and the drill pad for this well must be surfaced with 6 inches of compacted caliche.

() All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil on the subject location is approximately ______ inches in depth. Approximately ______ cubic yards of topsoil material will be stockpiled for reclamation.

Wother Any unguarded pits containing fluid, including the drilling reserve pit, shall be fenced until dry.

III. WELL COMPLETION REQUIREMENTS

() A Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the BLM. The effective date of the agreement must be prior to any sales.

(\bigvee) Surface Restoration: If the well is a producer, the reserve pit(s) will be backfilled when dry, and cut-and-fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be re-contoured to resemble the original contours of the surrounding terrain, and topsoil must be re-distributed and re-seeded with a drill equipped with a depth indicator (set at a depth of 1/2 inch) with the following seed mixture, in pounds of Pure Live Side (PLS), per acre.

- () A. Seed Mixture 1 (Loamy Site) Lehmanns Lovegrass (Eragrostis lehmannlana) 1.0 Side Oats Grass (Boutelous curtipendula) 5.0 Sand Dropseed (Sporobolus cryptandrus) 1.0
- () C. Seed Mixture 3 (Shallow Sites) Sideoats Grama (Boute curtipendula) 1.0 Lehmanns Lovegrass (Eragrostis lenmanniana) 1.0 or Boar Lovegrass (E. chloromalas)

() B. Seed Mixture 2 (Sandy Sites) Sand Dropseed (Sporobolus cryptandrus) 1.0 Sand Lovegrass (Eragrostis trichodes) 1.0 Plains Bristlegrass (Setaria magrostachya) 2.0
(>) D. Seed Mixture 4 ("Gyp" Sites) Alkali Sacaton (Sporobolus airoides) 1.0 Four-Wing Saltbush (Atriplex canescens) 5.0

Seeding should be done either late in the fall (September 15 - November 15, before freeze up) or early as possible the following spring to take advantage of available ground moisture.

() other Pits to west, V-door North. Restrict pad to 100 ft. on South side

P.0. Box 1980, Hobbs, NM 08240

State of New Mexico

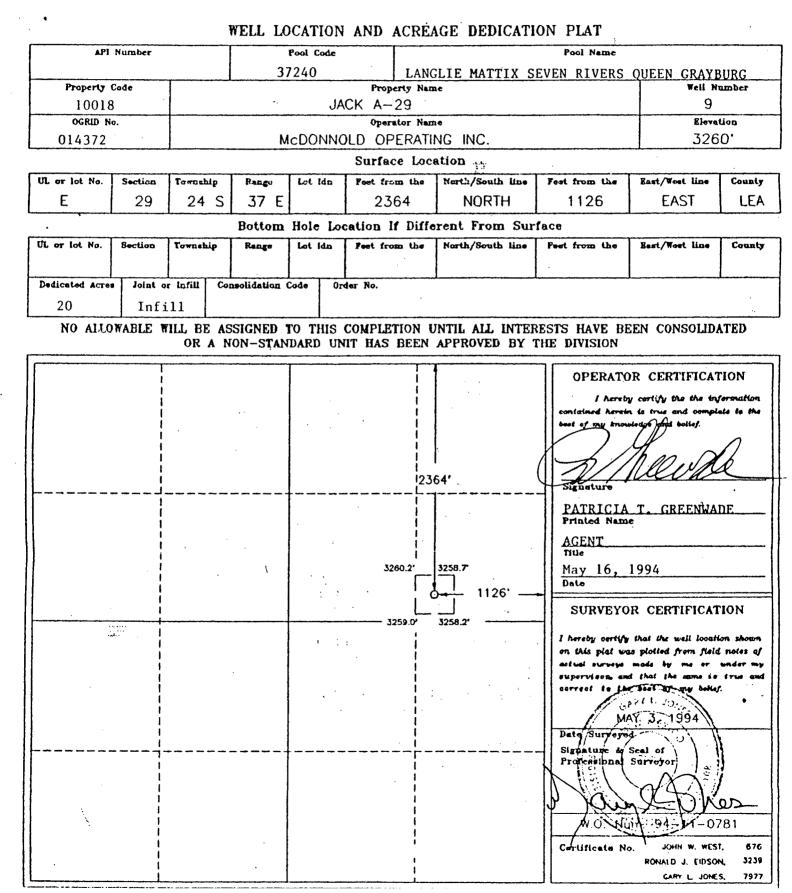
Energy, Minorals and Natural Resources Department

DISTRICT II P.O. Drawer DD, Artenia, NM 66810

DISTRICT III 1000 Rio Brazos Rd., Aztac, NM 87410 Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

D AMENDED REPORT



Meridian US Mexico Gutmon, et al Lufe Thomas 3 Ambert Oil Cit Serv. Tora TE won 1 str !! Reserve **'** Thomas Meridian 2 (6 UIF) Change Prop **W** Sun 016 @ We Lare 11 ×1 1 w 1 🏓 ualP below Meridian H. Hendris Thomas nsh s! Russell 3685 Rilla Fowler St Inomas St. Filter Maridian SantaFel Meridian Reserve - Gulf-Lorge Tho 1-WI 103 204 Expl Late I.A 118 Sun 2.4 H017.51 119 · A-16" \$ Thomas" ึพเ N01 Sr @! "R;110" LOU.S nomosetal MO'+ Sics DIS Cilies Com THE REAL PROPERTY OF THE PROPERTY OF THE PROPERTY OF Amoco G.A. Baber El Poso Not King Est. e Conoco - Hart-₽ Ž Š oman 8 6 6-WI WI DA 1.20 032326 Worren 74 88 Meyers * 0 9635 Meridian ANGLIE JACK Thomas. rahop (G. 8000 213095 Harrison" 8 . 9 10 1P/8 25 13700' 🏴 (D. Har 🕬 1-1-3695× (CU) man), J.J. Harrison Duo! Meres 03123 (Smith College of +701 Santa Fe Southwest. Primov 010 Tahoe Tahoe **0€**.G 3.4 1/3(5) Expl. Ener 15 Stort 12 day 12: D's c 5 Wiser Tromos. 2,2 035375 King- (Dual) 5 - eu C.+ Serv Alact Hörrisor Phomos Transmen MeridlanOil -13 01. Meridian **D** H-Whad O D. Har : ?7 OQ sha'? Somell **A** FILO, EPaso WET 3MI H. HOrrison Jack 0(* .E. Worke etal Harrison ST THE REAL PROPERTY OF THE PARTY OF THE PAR DHortman (JA 17. APC 举 (Dual) **()** · HOTTSOA (Dovidson) Conoco \$²-' Arnecc Coroco P 101 ø ⁵ 092326 12812. - A- A ø 2 Jack " " **R** 103500 ۲**۲** Sunse + 5 R, ARCO 9. M 104 7486 د 🚳 · ('WN') Amuco College D Woolwor Southwest 11 Lonexco 62 A (SantaFe-Expl) ake etal (S) N/2 to 3700' - - 28 Harrison 29 Meridian E/2 209 Ameroda · GUA COTRON 7 · 3 \$ ø McDonnoid Oper Sher -D-9 Dual DUC Sunse SAR 3150' 8 204 W'HMeridian oc k Harrison Gulf Corrigon lusky (EI 8 934 @6 JELU I(Apco) 1. Rich) Thornton 1eridiar ø • , Phillips Pennoc Moolwort 106 WOO A.R.Ca 706200 Meridian Meridian 8 934 **ς** γ P+C! øø A \$10 t/A Ø 9 Aston etal σE 1010n % w/ (DD) ึพเ 8 148 O.Hart WTr33 BL 🕲 101 102 man 18 8327 9 D. Hort 000r Ά Simon 1 🚯 x 5 1 20 8 **A**

LANGLIE-MATTIX POOL (Continental Langlie Mattix Jack A-29 Waterflood) Lea County, New Mexico

Order No. R-3862, Authorizing Continental Oil Company to Institute a Waterflood Project on the Jack A-29 Lease in the Seven Rivers-Queen Formations in the Langlie-Mattix Pool, Lea County, New Mexico, October 28, 1969.

Application of Continental Oil Company for a Waterflood Project, LeaCounty, New Mexico.

> CASE NO. 4235 Order No. R-3862

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on October 22, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 28th day of October, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, seeks permission to institute-a-waterflood-project on its Jack A=29 Lease, Langlie-Mattix Pool, by the injection of water into the Seven Rivers-Queen formations through its Jack A-29 Wells Nos. 2 and 4, located, respectively, in Units I and O of Section 29, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to institute a waterflood project on its Jack A-29 Lease, Langlie-Mattix Pool, by the injection of water into the Seven Rivers-Queen formations through the following-described wells in Section 29, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico:

Jack A-29 Well No. 2, located in Unit I; Jack A-29 Well No. 4, located in Unit O.

(2) That the subject waterflood project is hereby designated the Continental Langlie Mattix Jack A-29 Waterflood Project and

shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

LANGLIE-MATTIX POOL (Resler and Sheldon Pilot Waterflood) Lea County, New Mexico

Order No. R-3868, Authorizing Resler and Sheldon to Institute a Pilot Waterflood Project in the Grayburg Formation in the Langlie-Mattix Pool, Lea County, New Mexico, October 29, 1969.

Application of Resler and Sheldon for Two Waterflood Projects, Lea County, New Mexico.

> CASE NO. 4223 Order No. R-3868

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on October 22, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 29th day of October, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicants, Resler and Sheldon, seek authority to inject produced salt water into the Grayburg formation in the perforated interval from approximately 3555 feet to 3617 feet in their Kelly Well No. 3 and into the Queen and Grayburg formations in the perforated interval from approximately 3439 feet to 3689 feet in their Steeler Well No. 1, said wells being located, respectively, in Unit M of Section 16 and Unit I of Section 20, both in Township 23 South, Range 37 East, NMPM, Langlie-Mattix Pool, Lea County, New Mexico.