



OIL CONSERVATION DIVISION
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Amoco Production Company

501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253-3092

January 28, 1993

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Attn: W. J. LeMay, Director

File: KWB-WF

Gentlemen:

Application for Approval of Unorthodox Location
Empire South Deep Unit Well No. 6
State Lease E-1284-3
Unit P, Sec. 1, T-18S, R-28E
Bear Grass Draw (Atoka) Pool
Eddy County, New Mexico

Amoco Production Company, as operator of the Empire South Deep Unit, hereby applies for administrative approval to recompleat subject well into the Bear Grass Draw (Atoka) Pool. This well is currently completed in the South Empire-Morrow Pool. This well is currently shut-in due to depletion of the gas in the Morrow and has become uneconomical to operate. This unorthodox well location was authorized by NMOCD Order R-4402.

Required notice of this application has been sent by certified mail to all operators offsetting our lease. Attached is a list of the parties included in our notification.

If additional information is required, please contact me at (713) 584-7213.

Yours very truly,

H. I. Black
Staff Administrative Analyst

HIB/ms

Attachments
A:\ESDUWN6.DOC

OFFSET OPERATORS

SDX Resources, Inc.
300 W. Texas
Midland, TX 79701

Harvey E. Yates Company
Box 1933
Roswell, NM 88202

Yates, Energy Corporation
Box 2323
Roswell, NM 88202

Anadarko Petroleum Corporation
Box 130
Artesia, NM 88211-0130

Brothers Production Company
407 N. Big Springs, Suite 103
Midland, TX 79702

W. E. Jeffers
Box 65
Artesia, NM 88211-0065

Ray Westall Operating, Inc.
Box 4
Loco Hills, NM 88255

DeKalb Energy Company
Box 1302
Artesia, NM 88211-1302

Kersey & Company
Box 316
Artesia, NM 88210

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

API NO. (assigned by OCD on New Wells) 30-015-21562
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-1284-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Lease Name or Unit Agreement Name Empire South Deep Unit	
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 6	
2. Name of Operator Amoco Production Company Rm. 17.184		9. Pool name or Wildcat Bear Grass Draw (Atoka)	
3. Address of Operator P.O. Box 3092 Houston, TX 77253		4. Well Location Unit Letter P : 1315 Feet From The South Line and 1315 Feet From The East Line Section 1 Township 18-S Range 28-E NMPM Eddy County	
10. Proposed Depth		11. Formation Atoka	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3664 GL	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start ASAP

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	54.5	406'	725 SX	Circ
12 1/4"	9 5/8"	32 + 36	2900'	2025 SX	Circ
8 3/4"	5 1/2"	15.5 + 17	11065'	2920 SX	

Abandon the Morrow and complete in the Atoka.
Unorthodox well location authorized by NMCD Order R-4402.

- RUSU X KILL WELL X POH w/ TBG X PKR.
- SET CIBP @ 10650' X CAP w/ 35' CMT.
- RIH w/ TBG X PKR X SET PKR @ APPROX 10100'. LOAD BACKSIDE w/ PKR FLUID X SWAB DOWN TBG TO APPROX 6000' TO PERFORATE.
- RIG UP MASK TRUCK X LUBRICATOR.
- PERFORATE w/ THRU TBG 2 1/8" STRIP GUN @ 4JSPF X PERF 10230'-10238' X 10360'-10364'.
- SWAB/FLOW TO TST X RETURN TO PRODUCTION

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE H. I. Black TITLE Stf. Admin. Analyst DATE 1-28-93
TYPE OR PRINT NAME H. I. BLACK TELEPHONE NO. 713-584-7213

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-12
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

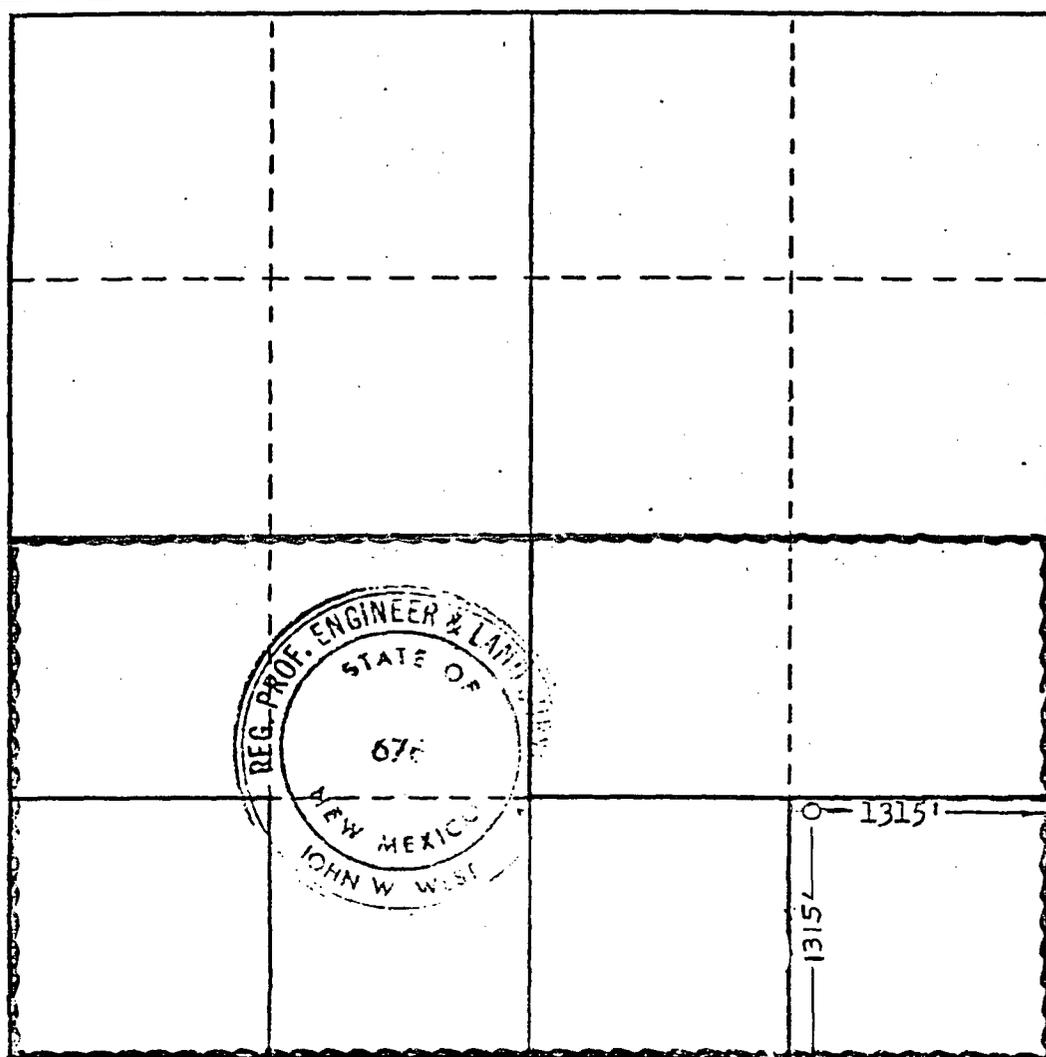
Operator AMOCO PRODUCTION COMPANY			Lease Empire South Deep Unit			Well No. 6		
Unit Letter P	Section 1	Township 18 South	Range 28 East	County Eddy				
Actual Footage Location of Well: 1315 feet from the south line and 7315 feet from the east line								
Ground Level Elev. 3664.0	Producing Formation Atoka		Pool Bear Grass Draw			Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation.

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
A. J. Bevan

Position
STF. ADMIN. ANALYST

Company
AMOCO PRODUCTION COMPANY

Date
1-28-93

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 4, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West
 Certificate No. 676



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4812
Order No. R-4402

APPLICATION OF MIDWEST OIL
CORPORATION FOR AN UNORTHODOX
LOCATION, EDDY COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 13, 1972, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 22nd day of September, 1972, 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, Midwest Oil Corporation, seeks an exception to Rule 104 of the Commission Rules and Regulations for approval of a gas well location 1315 feet from the South line and 1315 feet from the East line of Section 1, Township 18 South, Range 28 East, NMPM, to test the Morrow formation, adjacent to the South Empire-Morrow Gas Pool, Eddy County, New Mexico.

(3) That the S/2 of said Section 1 is to be dedicated to the well.

(4) That a well drilled at the proposed location should encounter a more porous section of the subject formation than a well drilled at a standard location.

(5) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

CASE NO. 4812
Order No. R-4402

IT IS THEREFORE ORDERED:

(1) That an unorthodox gas well location for the Morrow formation is hereby approved for the Midwest Oil Corporation's Empire South Deep Unit Well No. 4, to be located at a point 1315 feet from the South line and 1315 feet from the East line of Section 1, Township 18 South, Range 28 East, NMPM, adjacent to the South Empire-Morrow Gas Pool, Eddy County, New Mexico, as an exception to Rule 104 of the Commission Rules and Regulations.

(2) That the S/2 of said Section 1 shall be dedicated to the above-described well.

(3) 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.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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