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24.	Mance_	,	TITL e	Administr	rative	Analys	st (SG) _{DATE} May	4, 1978	
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NEW MEXICO OIL CONSERVATION COMMISSION CREACE DEDICATION PL

		All distances must	be from the outer boundar	ries of the Section	Well No.
of 🔺 .	Destuction		Lease	glie B Tract 1 Fed.	6
	section	Township	Range 37 Eas	County	* Lea
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interest an If more that dated by c	d royalty). n one lease (ommunitizatio	of different ownership n, unitization, force- If answer is "yes," ty	o is dedicated to the pooling.etc? ype of consolidation	well, have the interes	ship thereof (both as to working sts of all owners been consoli- nsolidated. (Use reverse side of
this form i	f necessary.).			been consolidated (b ing such interests, has	y communitization, unitization, s been approved by the Commis- CERTIFICATION hereby certify that the information con
				Adr	bined herein is true and complete to the est of my knowledge and belief. $\frac{1}{10000000000000000000000000000000000$
990'	310		STATE C	e	I hernby certify that the well location shown on this plat was plotted from free notes of actual surveys mode by me under my supervision, and that the sor is true and correct to the best of a knowledge and belief. ate Surveyed 4/14/78

- 1. BLOW-OUT PROVINTEDS MAY BE MANUAL OPERATED.
- 2. ALL POULPREAT NEET NE IN GOOD CONDITION, 2,000 PSI W. (4,000 PSI TEST) MINIPLEA.
- 3. BELL NIPPLE ANOVE BLAN-OUT PREVENTER SHALL BE SAME SIZE AS CASING BEING DRILLED THROUGH.
- 4. KELLY COCK TO BE ENSTALLED ON KELLY.
- 5. FULL OPENING SAFETY VALUE 2,000 PSI W.P. (4,000 PSI TEST) MINIMUM MUST BE AVAILABLE OF RIG FLOOR AT ALL TIMES WITH PROPER OXFRECTION OR SUBS TO FIT MY TOOL JOINT IN STRING.
- 6. SPOOL OR CHORS MAY HE FILIMINATED IF CONNECTIONS ARE AVAILABLE IN THE LOWER PART OF THE BLOW-OUT PREVENTER BODY.
- 7. DOUBLE OR SPACE SAVER TYPE PREVENTERS MAY BE USED IN LIEU OF TWO SINGLE PREVENTERS.
- 8. BOP RANS TO BE INSTALLED AS FOLLOWS :* .

TOP PRIMENTER - DRILL PIPE OR CASING RAMS BOTTAM PREMENTER - BLIND RAMS

*NOOD AREA SUPT. MAY MANERSE LOCATION OF NAMES.

- 9. EXTENSIONS AND HAND MEETLS TO BE INSTALLED AND BRACED AT ALL TIMES.
- 10. MANIFOLD VALVES MAY BE GATE OR PLUG METAL TO METAL SEAL 2" MINIMUM.



5/24/77

Attachment to "App., cation for Permit to Drill", F. m 9-331 C

Langlie "B" Tract 1 Federal Well No. 6 FSL X 990' FWL, Section 14, T-25-S, R-37-E, Lea County, NM Unit L, 2310'

Location ٦.

See attached Form C-102

Elevation 2.

See attached Form C-102

- Geologic name of surface formation. 3. Quaternary
- 4. Type of drilling tools and associated equipment to be utilized.

See Form 9-331 C

Proposed drilling depth. 5.

See Form 9-331 C

- Estimated tops of important geologic markers. 6.
 - Tubb 5750' Rustler - 950' Queen - 3115' Paddock - 4815'
- Estimated depths at which anticipated water, oil, gas or other mineral-7. bearing formations are expected to be encountered. Paddock - 4815' Tubb - 5750' Blinebry - 5165'
- Proposed casing program, including size, grade, and weight of each string . 8. and whether it is new or used.

Donth	Size	Weight	Grade	New or Used
<u>Depth</u> 1000' 6100'	8-5/8" 5-1/2"	32# 15.5#,17#	К-55 К-55	New New

•:

9. Proposed cementing program. 8-5/8" csg - Circulate to surface 5-1/2" csg - Circulate to surface

- 10. Blowout Preventer Program is attached. (Exhibit E)
- 11. Type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling, and the quantities and types of mud and weighting material to be maintained. Surf to 1000' - Native mud and fresh water. 1000' to 6100' - Commercial mud and brine water to maintain good hole conditions.
- 12. Testing, logging and coring programs to be followed with provisions made for required flexibility.

CNL, FDC, GR W/caliper - Surf. to TD DLL W/Micro SFL - Surf to TD

13. Any anticipated abnormal pressure or temperatures expected to be encountered or potential hazards, such as hydrogen sulfide gas, along with plans for mitigating such hazards.

None anticipated.

- 14. Anticipated starting date and duration of operation. Start 5-25-78. Complete 6-15-78.
- 15. Other facets of the proposed operation operator wishes to point out for the Geological Survey's consideration of the application.

None.

ATTACHMENT TO FORM 9-331C

APPLICATI	ON FOR PERMIT TO DRILL			
LEASE L	anglie B Tract 1 Federal	· · ·	WELL NO	6
	Unit L, 2310' FSL X 990'	FWL, Sec 14,	T-25-S, R-37-E	•
POOL	Justis			
COUNTY	Lea			

The undersigned hereby states that Amoco's representative, Mr. <u>E.E. Pauley</u>, personally contacted <u>Nadine Owen (Turner)</u>, the owner/lessee of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.

If the well is a producer, all pits will be cut, filled and leveled as soon as practical after the pits are dry. If the well is a dry hole, pits will be filled as above, a dry hole marker will be installed, and the location and pad will remain intact.

n.R. Couch Administrative Analyst (SG)

May 4, 1978

Date

Propose Development Plan for Surface

Amoco Production Company's Langlie "B" Tract 1 Federal Well No. 6, Unit L, 2310' FSL X 990' FWL, Sec. 14, T-25-S, R-37-E, Lea County - (Development Well)

- Existing roads including location of exit from main highway.
 Detailed map showing drillsite location in relation to the nearest town and all existing roads within one mile of the wellsite are shown on Exhibit A. From Jal, go east on Hwy 128, 2.8milesturn north on paved road .3 miles, turn east across cattleguard and go northeast on lease road .2 miles, 120' of new road will be built to location.
- 2. Planned access roads.

120' new road will be built. No caliche needed.

3. Location of existing wells.

All existing wells within one mile radius are shown on Exhibit C .

4. Location of tank batteries and flow lines.

- If the well is commercially productive, the production facilities (i.e. tanks, separators and treaters) will be located on the southeast end of the drilling pad. See Exhibit D.
- 5. Location and type of water supply.

Fresh water and brine water will be hauled from Jal, New Mexico by XL Transport Co., Jal, New Mexico.

6. Source of construction materials.

No caliche required.

7. WASTE DISPOSAL -

- a. Drill cuttings will be disposed of in the reserve pit.
- b. Drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry.

- Trash, waste paper, garbage and junk will be burned or buried with a minimum of 24" cover. Waste material will be contained to prevent с. scattering by wind prior to ultimate disposal.
- Any produced water will be contained in tanks and be disposed of in an approved manner. Oil produced will be stored in tanks until sold, d. at which time it will be hauled from location.
- Current laws and regulations pertaining to disposal of human waste e.
- will be complied with. If productive, maintenance waste will be placed in special containers f. and buried or hauled away periodically.
- 8. ANCILLARY FACILITIES -

No camps, airstrips, etc. will be constructed.

- WELLSITE LAYOUT -9.
 - Size of Drilling Pad 220' X 150" a.
 - Compacted Ь.
 - No Surfaced с.
 - 300' square area around wellsite has been cleared by archaeologist. d.
 - See Exhibit D. e.
- RESTORATION OF SURFACE -10.

Producing Well - all pits will be cut, filled, and leveled as soon as practical to original condition with rehabilitation to commence following removal of drilling and completion equipment. Rehabilitation to be completed in 180 days if possible.

Dry Hole - same as above with dry hole marker to be installed and surface reseeded if required.

OTHER INFORMATION -11.

> Terrain - Broad, flat plain. a.

Soil - Sandy clay loams w/antular claiche inclusions. Ь.

- Vegetation Broom, snakeweed and mesquite. c.
- Surface Use Grazing. d.
- Ponds and Streams None. e.
- Water Wells None. f.
- Residences and Buildings None.
- q. Arroyos, Canyons, etc. -None.
- h. Well Sign - Posted at drillsite.
- Open Pits All pits containing liquid or mud will be fenced. i.
- Archaeological Resources Drillsite, which is in broad, flat plain j. is in a low environmental risk area. The total effect of drilling and k. producing would be minimal. No known archaeologocal, historical, or cultural sites exist in the drill or road areas.

OPERATOR'S REPRESENTATIVE -12.

Field personnel responsible for compliance with development plan for surface use is:

J. H. Hankins, Senior Drilling Foreman P. O. Drawer "A" Levelland, TX 79336 Office Phone: 806-894-3163

LEASE & WELL NUMBER Langlie "B" Tract 1 Federal No. 6

LOCATION UnitL, 2310' FSL X 990' FWL, Sec. 14, T-25-S, R37 -E, Lea County

Certification: The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION COMPANY and its contractors and subcontractors in comformity with this plan and the terms and conditions under which it is approved.

May 4, 1978 DATE

Sr. Drlg. Foreman





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	Amoco Production Company	FILE
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·	(TANKS, SEPARATOKS, TREATERS, DEHYDRATORS, ETC.)	
		• • • • •
· · · · · · · · · · · · · · · · · · ·	CELLAR_SIZE	
	5'X 5 X 4'	The Course
	AMOCO PRODUC	
·	LANGLIE "B TR	
;	SEC. 14 T-2.5-	<u>s R-37-E</u>
	LEA COUNTY	N.M.
	EXHI	81T D
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Agency for Conservation Archaeology

3 May 1978

Mr. Bob Couch Amoco Production Company P. O. Drawer A Levelland, Texas 79336

Dear Mr. Couch:

Enclosed please find the Agency for Conservation Archaeology's clearance report for Amoco Production Company. Other than contemporary trash, no archaeological sites, or isolated manifestations, were recorded during the course of this reconnaissance.

If I may be of further service to you, do not hesitate to call me at (505) 562-3332.

ours sincerely, Sskell Loring J. - Principal Investigator rector

dlg

Enclosure

Archaeological Report

Amoco Production Company

Gillully "B" Federal # 19 Gillully "B" Federal # 20 Gillully "B" Federal # 21 Gillully "B" Federal # 22 Gillully "B" Federal # 23 Gillully "B" Federal # 24 Gillully "B" Federal # 25 Gillully "B" Federal # 26 Gillully "B" Federal # 27 Gillully "B" Federal # 28 Gillully "B" Federal # 28 Gillully "B" Federal # 29 Gillully "B" Federal # 30 And Proposed accesses to these locations

Langlie B Tract 1 Federal #6

by

Dr. J. Loring Haskell

Submitted by

Dr. J. Loring Haskell Director - Principal Investigator Agency for Conservation Archaeology Eastern New Mexico University Portales

1 May 1978

INTRODUCTION

An archaeological reconnaissance was recently performed by the Agency for Conservation Archaeology (ACA), Eastern New Mexico University, Portales, for Amoco Production Company in Lea County New Mexico. Reconnoitered areas will be impacted by a series of drill locations and access roads. The project was administered for Amoco by Mr. Bob Couch and for ACA by Dr. J. Loring Haskell, Director - Principal Investigator. Dr. Haskell and Scott C. Schermer undertook the project on 26 April 1978 under excellent field and weather conditions. (78-NM-015)

SURVEY TECHNIQUE

Each location was walked in a series of zigzag, north-south and thence south to north transects which measured 15 ft in breadth. Areas lying immediately outside these locations were reconnoitered as well, i.e., a zone measuring an additional 20 ft on all sides. Accesses were investigated by walking them in a close interval, 25 ft wide, zigzag transect. These techniques combined served to maximize the visual examination of areas of primary and secondary impact.

Gillully "B" Federal #19

Location

The proposed pad measures 300 X 300 ft and is situated 1980 ft from the north line and 1980 ft from the east line of the:

NE¹, Section 21, T2O3, R37E, NMPM, Lea County, New Mexico (BLM)

More specifically, it is situated in the:

 $SE_{4}^{1}NE_{4}^{1}$, Section 21, T2OS_R37E, NMPM, Lea County, New Mexico (BLM) The associated access will be discussed below.

Map Reference: USGS Monument Quadrangle, 15 Minute Series, 1963.

1

Langlie B Tract 1 Federal #6

Location

The proposed location measures 300 X 300 ft and is located 990 ft from the west line and 2310 ft from the south line of the:

SW¹/₄, Section 14, T25S, R37E, NMPM, Lea County, New Mexico (BLM) More specifically, it is situated in the: NW¹/₄SW¹/₄, Section 14, T25S, R37E, NMPM, Lea County, New Mexico (BLM) The access will measure 12 X 120 ft and will pass through the: NW¹/₄SW¹/₄, Section 14, T25S, R37E, NMPM, Lea County, New Mexico (BLM) Map Reference: USGS Jal NW Quadrangle, 7.5 Minute Series, 1969.

Terrain

Topographically, this area is characterized by a flat, open plain with low hummocks. These latter features seldom exceed .25 m in height. Soils are clay loams and often include pea-sized caliche gravels. Several localities are marked by caliche cobbles which range between 5 and 10 cm in diameter. Invariably, soil individuals are very pale brown (10YR 7/3 dry) in color. The area, as a whole, is distinguished by a high degree of rodent activity.

Floristics

Locally, the floral community is notable for its lack of diversity. Principal plants include <u>Prosopis juliflora</u>, <u>Opuntia sp.</u>, <u>Ferocactus sp.</u>, and <u>Tridens</u> pulchellus. <u>Prosopis</u> forms a coppice on areal hummocks.

Cultural Resources

No archaeological sites, or isolated manifestations, were recorded during this reconnaissance. Contemporary trash includes cans and the collar of a galvanized container.

Recommendations

ACA recommends clearance for the proposed drill location and access road and suggests that construction proceed without modification of existing plans.