

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

5A. Indicate Type of Lease
STATE ☒ FILE ☐
5. State Oil & Gas Lease No.
L-4427

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		2. Name of Operator Read & Stevens, Inc.		3. Address of Operator P. O. Box 1518, Roswell, New Mexico 88201		4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE OF SEC. 6 T4S. 17-S RGE. 33-E N40W		7. Well Agreement Name		8. Name of Lease Name Adobe State		9. Well No. 1		10. Field and Pool, or Without Undesignated		11. County Lea	
16. Proposed Depth 11,700'		16A. Formation Cisco		20. History of C.T. Rotary		21. Elevation (Show whether PL, RL, etc.) 4232.3' GL - 4238.3 RKB		21A. State & Federal Plat. Bond Statewide		21B. Drilling Contractor Cactus		22. Approx. Date Work will start April 10, 1980					

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"	48#	350'	to be determined	Circulated
12 1/4"	8 5/8"	24#	4500'	to be determined	Circulated
7 7/8"	5 1/2" or 4 1/2"	10.5 - 11.6 or 15.5 - 17	11700'	To be determined	

See attached well prognosis for drilling program and blowout prevention data.

IN ABOVE SPACE DESCRIBE THE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE, GIVE BLOWOUT PREVENTION PROGRAM, IF ANY.

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

Signed _____ Title Authorized Agent Date April 3, 1980

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 4 '80

OIL CONSERVATION DIV.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

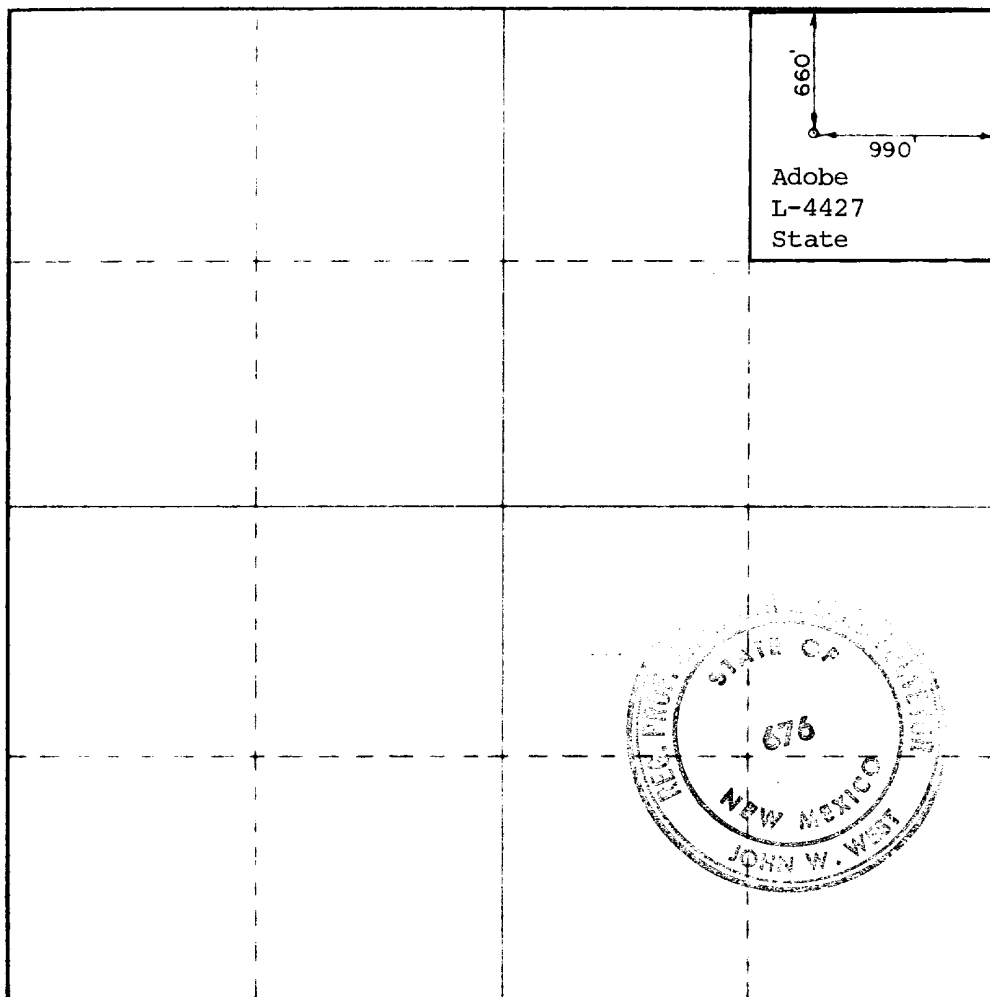
Operator Read & Stevens Inc.		Lease Adobe State		Well No. 1
Tract Letter A	Section 6	Township 17 South	Range 33 East	County Lea
Actual Footage Location of Well: 660 feet from the North line and 990 feet from the East line				
Ground Level Elev 4232.3	Producing Formation Cisco	Foot Undesignated	Estimated Acreage 40	

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.

Shari Hamilton

Shari Hamilton

Authorized Agent

Read & Stevens, Inc.

April 3, 1980

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.

4-1-1980

Registered Professional Engineer
and Licensed Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6463
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

DRILLING PROGNOSIS

WELL NAME #1 Adobe State WILDCAT ☒ DEVEL. ☐ DATE 4-2-80

LOCATION 990' FEL & 660' FNL Section 6-17S-33E, Lea County, New Mexico

ELEVATION GL 4232.3

RKB 4238.3

GEOLOGICAL PROGRAM

SAMPLES	Surface to TD every 10'	EXPECTED TOPS	DEPTH
		Yates	2650'
		San Andrew	4400'
		Tubb	7145'
		Abo	7890'
		Wolfcamp LS	9600'
		Maljamar WC Pay	10850'
		Seaman Pay	11530'
		TD	11700'

LOGGING	FDC-CNL/GR 11700' - 4500'	
	DLL + Min Rxo 11700' - 4500'	

CORING	None	

DST's	As warranted (Possibly 3)	

MUD LOGGING	10,000' to TD approximately 10 days	CO-OWNERS AND CONTRIBUTORS
		Adobe
		Bob Armstrong

WELL SITE GEOLOGIST	FROM	TO
	OFFICE	
RES.	MOBILE	

R & S GEOLOGIST	Dave Harle
OFFICE 505/622-3770	RES. 505/746-6648

ENGINEERING PROGRAM

R & S ENGINEER	Dan Lough	OFFICE 505/396-5391	RES. 505/396-4371
	Mobile Unit #4108	Caprock Radio - Hobbs 505/397-3291	

WELL SITE ENGINEER	Joe Handley	OFFICE 505/396-5391	RES.
	Mobile Unit #4117	Caprock Radio - Hobbs 505/397-3291	

DRILLING CONTRACTOR	Cactus Drilling	OFFICE	RIG NO. 51
TOOL PUSHER		RES.	MOBILE

DRILLING PROGRAM

HOLE SIZE		CASING PROGRAM			
Size	Depth to	Size	Weight	Depth	Cement
17 1/2"	Approx. 370'	13 3/8"	48#	350'	Circulate
12 1/4"	Approx. 4500'	8 5/8"	24#	4500'	Circulate
7 7/8"	11700'	5 1/2" or 4 1/2"	10.5 - 11.6 or 15.5 - 17	11700'	To be determined

MUD PROGRAM

DEPTH		TYPE	OTHER CHARACTERISTICS				
From	To		Weight	Vis.	Water Loss	% Oil	KCL added
Surface	350'	Spud mud	8.5 - 8.9	65 - 45	Uncontrolled		
350'	4500'	Brine + LCM	9.5 - 10	29 - 31			
4500'	10000'	Water	8.5 - 9.0	29 - 31	Uncontrolled		
10000'	11700'	Drispak, gel, Flosal	9.0 - 9.3	34 - 40	10 or less		
		KCL					

MUD ENGINEER	WITH	OFFICE
RES.	MOBILE	

DEVIATION	DEPTH MEASUREMENTS
Maximum 5 degrees	Every 500' or bit pulling

DRILLING REPORTS

WEEKDAYS	Shari Hamilton	PHONE 505/622-3770
WEEKENDS & HOLIDAYS		

MOBILE	RES.

OTHER INSTRUCTIONS TO DRILLER

Cactus Drilling Corporation Rig No. 15

Rated to 15,000 feet

Drawworks	Bethlehem 650 Three Engine Compound with Two Pump Drive 40" Parkersburg Hydromatic Brake Satellite Automatic Driller
Power	Three D-353 Caterpillar Diesel Engines, 1200 HP
Derrick	Lee C. Moore 136' 700,000# Capacity Incandescent Vapor Proof Lighting
Substructure	Lee C. Moore 16' High, 24' Wide, 52' Long Rotary Load Capacity 700,000# Set Back Capacity 400,000#
Rotary Table	Ideco 23" 250 Ton
Mud Pumps	Ideco MM-700 HP Duplex 7 3/4" X 16" 2000# max. psi with 5 1/2" liners National C-350 645 HP Duplex 7 3/4" X 18" with Steel Mud End 2000# max. psi with 5" liners
Mud System	3 Steel Mud Pits 30' X 7' X 6 1/2' 755 Bbls. 2 500 Bbl Steel Water Tanks 24' Steel Mud House 1 Single Screen Shale Shaker
Drill Pipe-Collars	Furnished with bid request or contract
Housing	20' Dog House at Floor Level 18' Clothes Change Dog House 30' Trailer House
Traveling Equipment	National 540 H 5 Sheave 250 Ton Block National 350 Ton Hook Gray 300 Ton Swivel 1 Set BJ Weldless 2 3/4" X 96" 350 Ton Links 4" BJ RG 175 Ton Elevators 5 1/4" X 40' Hex Kelly Cameron Type D Weight Indicator 3 1/2" X 55' Republic Rotary Hose 1 1/4" Grooving in Traveling and Crown Blocks
Blowout Equipment	12" Shaffer 900 Series Double Hydraulic Payne Closing Unit and Accumulator
Utility	1 Mission Centrifugal Wash Down Pump Gardner-Denver Air Hoist Two Way Motorola Radio-Telephones 90 KW AC 3 Phase 110-220 volt Light Plant with 3304 Caterpillar Diesel Engine

RIG No. 15

CACTUS DRILLING CORP.

APPROX SCALE 1" = 50'

