

OPER. OGRID NO. 36324PROPERTY NO. 3092

LOCATE*

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995UNITED
DEPARTMENT OF
BUREAU OF LAND

POOL CODE

EFF. DATE 6/6/97API NO. 30-025-34015

APPLICATION FOR PERMIT

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PARKER & PARSLEY Development LP
(MICHAEL LYON)

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3178 MIDLAND, TEXAS 79702-3178 Ph. 915-683-4768

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FSL & 1980' FWL SEC. 35 T25S-R33E LEA CO. NM

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 21 miles West Southwest of Jal New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

12,500'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3322' GR.

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

CARLSBAD CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
14 3/4"	H-40 11 3/4"	42	790'	450 Sx. circulate to surface.
11"	HCK 8 5/8"	32	5105'	400 Sx. circulate to surface.
7 7/8"	N-80, S-95 5 1/2"	17 1/2	12,500'	1550 Sx.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe & cement to surface with Redi-mix.
2. Drill 14 3/4" hole to 790'. Run and set 790' of 11 3/4" H-40 42# ST&C casing. Cement with 450 Sx. Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 5105'. Run and set 5105' of 8 5/8" ~~HCK~~ 32# ST&C casing. Cement with 200 Sx. 35/65 POZ Class "C", tail in with 200 Sx. Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 12,500'. Run and set 12,500' of 5 1/2" N-80 & ~~S-95~~ 17# LT&C casing. Cement with 1250 Sx. SUPER MOD. "H" tail in with 300 Sx. Class "H" + additives.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

24.

SIGNED

TITLE

AGENT

DATE

04/20/97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) JAMES G. PETTENGILL

TITLE

ADM, MINERALS

DATE

6-4-97

APPROVED BY

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34015	Pool Code ✓	Pool Name WILDCAT-BONE SPRING
Property Code 20929	Property Name CHAMBERS 35	Well Number 1
OGRID No. 36324	Operator Name PARKER & PARSLEY Development LP	Elevation 3322'

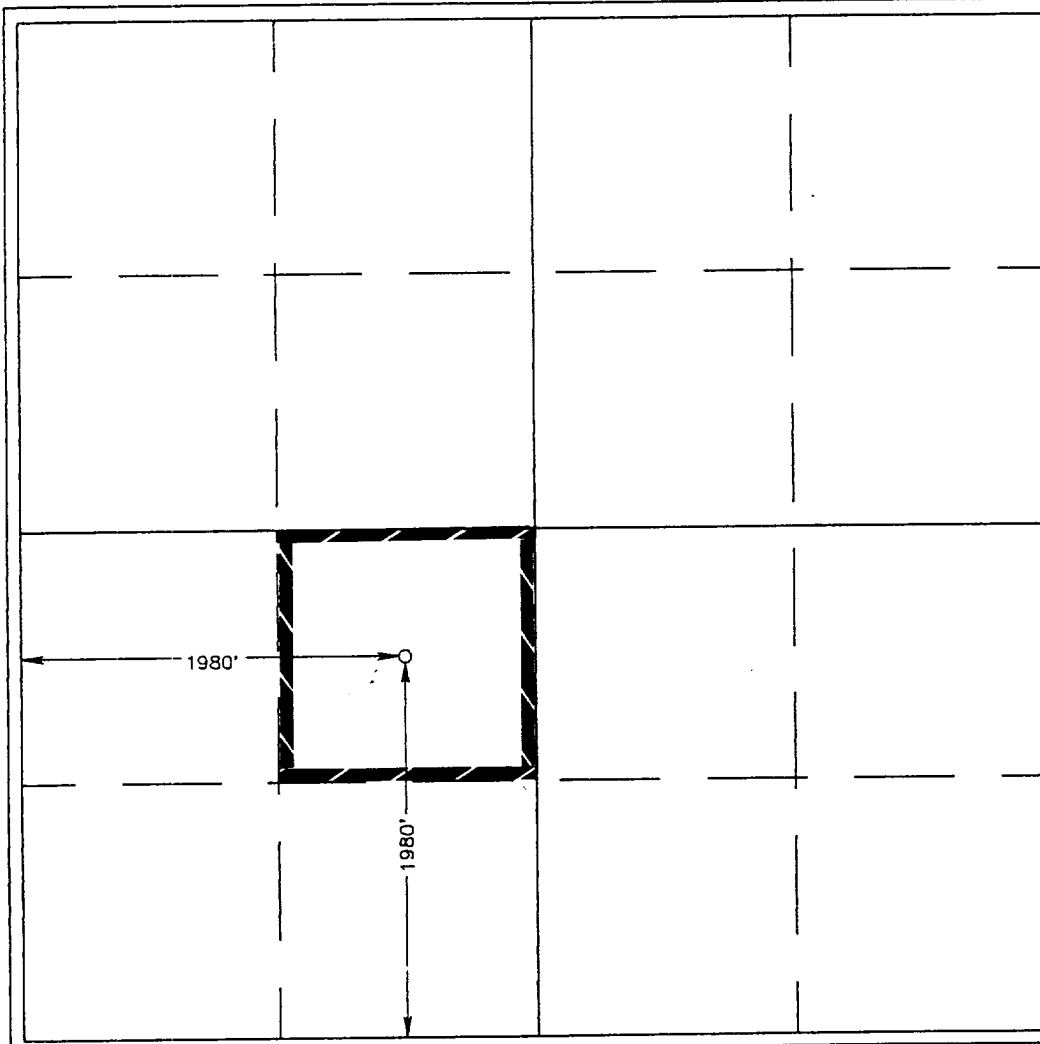
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	25 S	33 E		1980	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Joe T. Janica</i>	
Signature	
Joe T. Janica	
Printed Name	
Agent	
Title	
04/20/97	
Date	
SURVEYOR CERTIFICATION	
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 belief.	
FEBRUARY 20, 1997	
Date Surveyed	
Signature & Seal of Professional Surveyor	
<i>Ronald J. Eidson</i>	
Professional Surveyor	
2-26-97	
97-11-0357	
Certificate No.	JOHN W. WEST 676
	RONALD J. EIDSON 3239
	GARY EIDSON 12641

APPLICATION TO DRILL

PARKER & PARSLEY PET. INC.
CHAMBERS "35" FEDERAL #1
UNIT "K" SECTION 35
T25S-R33E LEA CO. NM

In response to questions asked under Section II B of Bulletin NTL-6 the following information is provided for your consideration:

1. Location: 1980' FSL & 1980' FWL SEC. 35 T25S-R33E LEA CO. NM
2. Elevation above sea level: 3322' GR.
3. Geologic name of surface formation: Quaternary Aeolian Deposits.
4. Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
5. Proposed drilling depth: 12,500'

6. Estimated tops of geological markers:

Rustler Anhydrite	700'	Basal Brushy Canyon	9400'
Top of Salt	1120'	Bone Spring	9900'
Cherry Canyon	6300'	2nd Bone Spring	10400'
Brushy Canyon	7800'	3rd Bone Spring	12200'

7. Possible mineral bearing formation:

Cherry Canyon	Oil
Brushy Canyon	Oil
Bone Spring	Oil

8. Casing program:

Hole size	Interval	OD casing	Weight	Thread	Collar	Grade	Condition
25"	0-40	20"	Conductor	AN	NA	NA	New
14 3/4"	0-790'	11 3/4"	42#	8-R	ST&C	H-40	New
11"	0-5105'	8 5/8"	32#	8-R	ST&C	HBK HCK	New
7 7/8"	0-12,500'	5 1/2"	17# 623#	8-R	&Buttress LT&C	N-80 S-95	New

APPLICATION TO DRILL

PARKER & PARSLEY DEVELOPMENT L.P.
CHAMBERS "35" FEDERAL #1
UNIT "K" SECTION 35
T25S R33E LEA CO. N.M.

9. Cementing and Setting Depth:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
11 3/4"	Surface	Set 790' of 11 3/4" H-40 42# ST&C casing. Cement with 450 Sx. Class "C" + additives, circulate cement to surface.
8 5/8"	Intermediate	Set 5105' of 8 5/8" HBK ^{HCK} 32# ST&C casing. Cement with 200 Sx. 35/65 POZ Class "C", tail in with 200 Sx. Class "C" + additives, circulate cement to surface.
5 1/2"	Production	Set 12,500' of 5 1/2" S-95 ^{S-23} & N-80 17# LT&C & Buttress casing. Cement with 1250 Sx. Super Modified Class "H", tail in with 300 Sx. Class "H" + additives.

10. Pressure Control Equipment: Exhibit "E". A 1560 Series 5000 PSI working pressure B.O.P. consisting of a double ram type preventor with a bag type annular preventor. BOP unit will be hydraulically operated. Exhibit "E-1". Choke manifold and closing unit. BOP will be nipped up on 11 3/4" casing and will be operated at least once each 24 Hr. period while drilling and blind rams will be operated when out of hole during trips. Flow sensor, PVT, full opening stabbing valve and upper Kelly cock will be utilized. No abnormal pressure or temperature is expected while drilling.

11. Proposed Mud Circulating System:

Revised mud program attached.

Depth	Mud Wt.	Visc,	Fluid Loss	Type Mud
40-790'	8.4-8.8	28-34	NC	Fresh water Spud mud add paper for seepage control & hole sweeps.
790-5105'	10-10.5	29-36	NC	Brine water use Lime for pH control and paper for seepage.
5105-12,200'	10-10.5	29-38	NC	"
12200-12500'	10-10.7	34-38	10 CC or less	Brine water with Drispac use soda ash to control hardness and starch to control water loss.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, unexpected kicks. In order to run DST'S, open hole logs, and casing the viscosity and water loss may have to be adjusted to meet these needs.

APPLICATION TO DRILL

PARKER & PARSLEY PET. INC.
CHAMBERS "35" FEDERAL #1
UNIT "K" SECTION 35
T25S-R33E LEA CO. NM

12. Testing, Logging and Coring Program:

- A. Open hole logs: Dual Laterolog, MSFL, cnl, ldt, RSW/LSS from TD to intermediate casing shoe. Gamma Ray & Caliper from TD to surface.
- B. DST's and cores as deemed necessary

13. Potential Hazards:

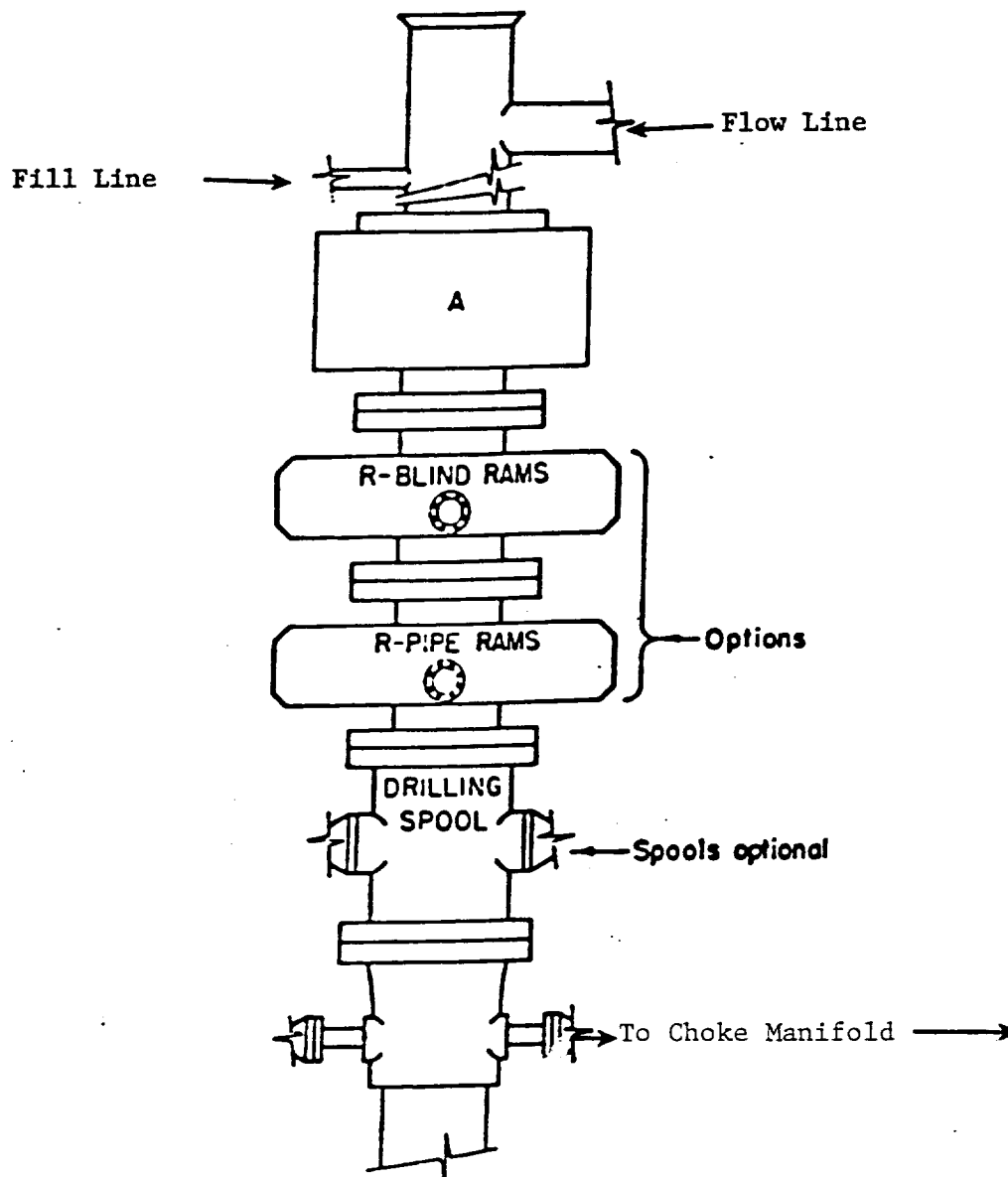
No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H₂S detectors will be in place to detect any presence. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used. Estimated BHP 6500 PSI, estimated BHT 180°.

14. Anticipated Starting Date and Duration of Operation:

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 60-75 days. If production casing is run an additional 30 days will be required to complete and construct surface facilities.

15. Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals. The Bone Spring pay will be perforated and stimulated. The well will be swab tested and potentialized as an oil well.



ARRANGEMENT SRRA

1500 Series
5000# Working Pressure

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON

PARKER & PARSLEY PET. INC.
CHAMBERS "35" FEDERAL #1
UNIT "K" SECTION 35
T24S-R33E LEA CO. NM