

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED

Form C-103
Revised 10-1-78

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

JUN 06 '88

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

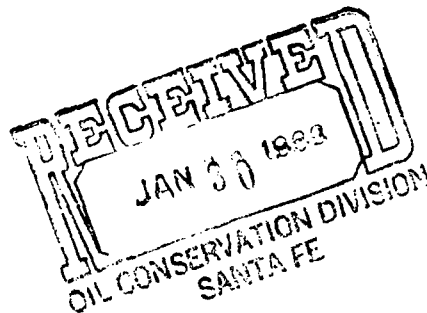
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ ARTESIA OFFICE	7. Unit Agreement Name
2. Name of Operator Duer Wagner & Company ☒	8. Farm or Lease Name Huber State
3. Address of Operator 1400 Continental, Ft. Worth, Texas 76102	9. Well No. #1
4. Location of Well UNIT LETTER F 2310 FEET FROM THE FNL LINE AND 2410 FEET FROM FWL LINE, SECTION 36 TOWNSHIP 23 RANGE 22 N.M.P.M.	10. Field and Pool, or Wildcat Sitting Bull Falls Morr
15. Elevation (Show whether DF, RT, CR, etc.) 4410 GR	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 5/4/88 - CIBP - 9773' & 4 SX
- 5/4/88 - 25 SX - 9325'
- 5/4/88 - 25 SX - 7885'
- 5/4/88 - 25 SX - 7310'
- 5/4/88 - 25 SX - 6060'
- 5/7/88 - 60 SX - 5030' tagged @ 4470'
- 5/7/88 - 25 SX - 4064'
- 5/7/88 - 35 SX - 3520'
- 5/7/88 - 35 SX - 2539' tagged @ 2427'
- 5/7/88 - 10 SX - Surface

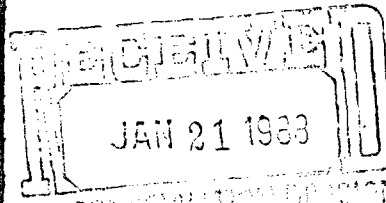
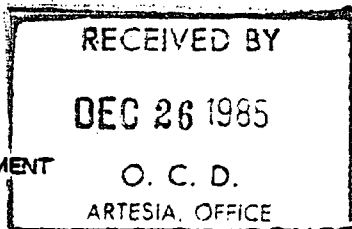


18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Roger A. Brant TITLE Cementer DATE 05/17/88
APPROVED BY Daniel Moore TITLE Geologist DATE 1/23/89
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
LAND OFFICE	☒
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
OPERATOR	GAS
REGISTRATION OFFICE	



OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Duer Wagner & Co. ✓

Address
2906 Texas American Bank Bldg. Fort Worth, Texas 76102

Reason(s) for filing (Check proper box)

☐ New Well	Change in Transporter of:	Other (Please explain)
☐ Recombination	☐ Oil	☐ Dry Gas
☒ Change in Ownership	☐ Casinghead Gas	☐ Condensate

If change of ownership give name and address of previous owner
American Quasar Petroleum Co. of New Mexico
1000 The Midland National Bank Tower
Midland, Texas 79701

II. DESCRIPTION OF WELL AND LEASE

Lease Name Huber State	Well No. 1	Pool Name, including Formation Sitting Bull Falls (Morrow)	Kind of Lease State, Federal or Fee State	Lease No. L6656
Location Unit Letter F ; 2310 Feet From The North Line and 2410 Feet From The West Line of Section 36 Township 23S. Range 22E. NMPM. Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Shut in Gas Well	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rgs. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Howard L. Wagner
(Signature)
Production Manager
(Title)
December 17, 1985
(Date)

OIL CONSERVATION DIVISION

APPROVED JAN 15 1986, 19
BY Mike Williams
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil well	Gas well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.S.T.D.				
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth				
Perforations							Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

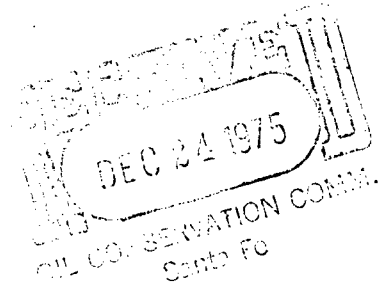
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

NEW MEXICO OIL CONSERVATION COMMISSION

Artesia, New Mexico

December 23, 1975

American Quasar Petr. Co. of N. M.
606 Vaughn Building
Midland, Texas 79701



Re: Wells placed in pools

Gentlemen:

As the result of Commission Order R-5131 the following described well (x) (has-~~have~~) been placed in the pool (x) shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Sitting Bull Falls-Morrow Gas ✓
Huber State #1-F, 36-23-22

Transporters are advised, by copy of this letter, to change their records to reflect the pool name as established by this order.

Very truly yours,

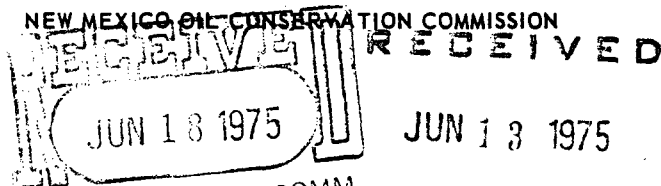
OIL CONSERVATION COMMISSION

W. A. Gressett

Dist.
Orig. Operator
cc: ~~Each transporter~~ SF

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1 ✓
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION



Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L6656
7. Unit Agreement Name
8. Farm or Lease Name Huber State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Morrow
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEREN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. Name of Operator American Quasar Petroleum Co. of New Mexico ✓
3. Address of Operator 606 Vaughn Building, Midland, Texas 79701
4. Location of Well UNIT LETTER <u>F</u> , <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>2410</u> FEET FROM THE <u>West</u> LINE, SECTION <u>36</u> TOWNSHIP <u>23S</u> RANGE <u>22E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4410 GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☒
OTHER Perforating ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Ran 5 1/2" casing as follows:

0-2000' 17# N-80 LT&C
2000-8000' 17# K-55 LT&C
8000-10,399' 17# N-80 LT&C

Cemented with 1100 sx Class H. PD @ 5:30 PM. WOC 24 hours. Cement did not circulate. Ran temperature survey - cement outside casing at 5500'. Pressure tested to 3000 psi - held OK.

Perforated with .31 hole at following intervals:

14 shots @ 10,052-10,064', 2 shots @ 10,098', 2 shots @ 10,107', 2 shots @ 10,114', 2 shots @ 10,122', 2 shots @ 10,132', 2 shots @ 10,135', 2 shots @ 10,137'.

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

SIGNED Lynn D. Jones TITLE Div. Operations Mgr.

DATE 6-12-75

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II

DATE JUN 13 1975

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-9-75		JUN 9 1975	
Company American Quasar Petroleum Co. of New Mexico						Connection None		O.C.C.	
Pool Wildcat <i>Morrow</i>						Formation Morrow		Unit ARTEZIA, OFFICE	
Completion Date 5-9-75		Total Depth 10,400'		Plug Back TD 10,290'		Elevation 4410 GR		Farm or Lease Name Huber State	
Csg. Size 5 1/2"	Wt. 17#	d N-80	Set At 10,399'	Perforations: From 10,052' To 10,137'		Well No. 1			
Tbg. Size 2 3/8"	Wt. 5.95	d PH-6 Hydril	Set At 9,979'	Perforations: From 10,052' To 10,137'		Unit Sec. Twp. Rge. F 36 23S 22E			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At 9,979'		County Eddy	
Producing Thru Tubing		Reservoir Temp. °F 147 @ 10,145		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2		State New Mexico	
L 10,145	H 10,145	Gg .599	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run 3,068	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							2380	80		
1.	3.0	.750	900	2"	103	2348	82			1 hr.
2.	3.0	.750	900	6"	103	2318	82			1 hr.
3.	3.0	.750	890	21"	94	2246	86			1 hr.
4.	3.0	.750	900	73"	88	2046	86			1 hr.
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	2.672	42.736	913.2	.9611	1.292	1.132	161
2	2.672	74.021	913.2	.9611	1.292	1.132	278
3	2.672	137.721	903.2	.9688	1.292	1.128	520
4	2.672	258.193	913.2	.9741	1.292	1.125	977
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	3.52	542	1.51	.780	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2	3.47	542	1.51	.780	Specific Gravity Separator Gas _____ XXXXXXXXXX
3	3.37	546	1.53	.786	Specific Gravity Flowing Fluid _____ XXXXX
4	3.07	546	1.53	.790	Critical Pressure _____ 671 _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ 358 _____ R _____ R

NO.	P _t	P _w	R _w ²	P _c ² - R _w ²
1	2361.5	5577	150	
2	2331.3	5435	292	
3	2260.5	5110	617	
4	2065.6	4267	1460	
5				

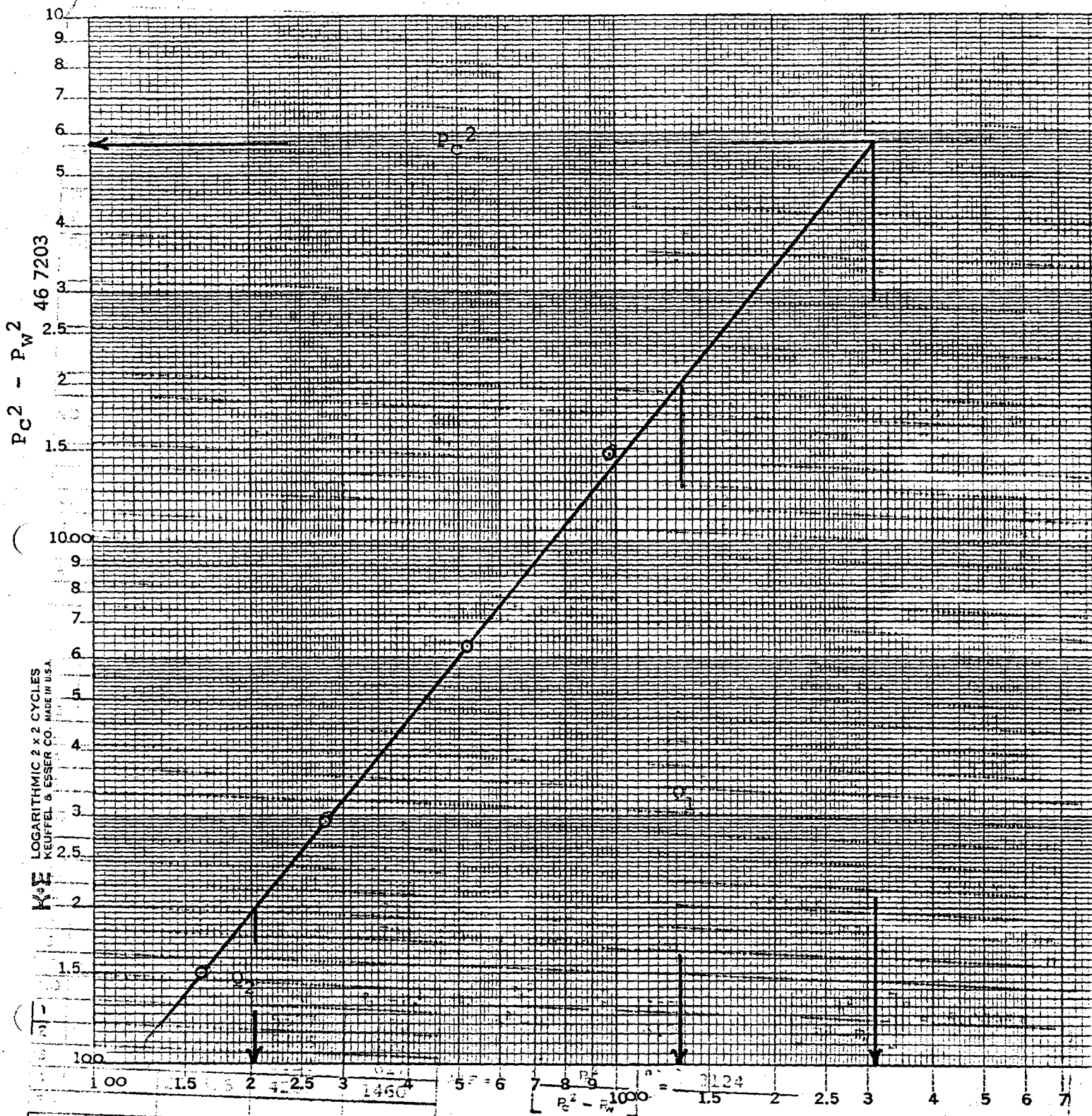
(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{5727}{617}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 3124$

(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 6.00953$

Absolute Open Flow <u>3124</u> Mcfd @ 15.025	Angle of Slope @ <u>51° 10'</u>	Slope, n <u>.805</u>
Remarks: _____		
Approved By Commission: _____		
Conducted By: T. R. Fleeman M&TS	Calculated By: West Texas Con.	Checked By:

OPERATION OF NEW MEXICO
 LEASE: HUBER STATE
 WELL NO.: 1
 FIELD: WILDCAT
 COUNTY: EDDY
 DATE: 5-9-75



3124
 Q in MCF/Day
 $Q_1 = 1340$ MCF
 $Q_2 = 210$ MCF
 $\log Q_1 = 3.12710$
 $\log Q_2 = 2.32221$
 80489^n

$n = .805$

Approved by Commission:	Conducted By: T. R. Fleeman MGRS	Calculated By: West Texas Con.	Checked By:
-------------------------	-------------------------------------	-----------------------------------	-------------

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

FEB 10 1975

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L6656
7. Unit Agreement Name
8. Farm or Lease Name Huber State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Morrow
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. Name of Operator American Quasar Petroleum Co.
3. Address of Operator 606 Vaughn Bldg., Midland, Texas 79701
4. Location of Well UNIT LETTER F 2310 FEET FROM THE North LINE AND 2410 FEET FROM THE West LINE, SECTION 36 TOWNSHIP 23S RANGE 22E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4410 GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	☐
TEMPORARILY ABANDON	☐
PULL OR ALTER CASING	☐
OTHER	☐

PLUG AND ABANDON	☐
CHANGE PLANS	☐
OTHER	☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐
COMMENCE DRILLING OPNS.	☐
CASING TEST AND CEMENT JOB	☒
OTHER	☐
ALTERING CASING	☐
PLUG AND ABANDONMENT	☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

13 3/8" casing

Cemented 48# H-40 ST&C 13 3/8" casing with 425 sx Class C with 2% CaCl at 410'. Cement circulated - Plug down @ 12:00 Noon 1-2-75. WOC 24 hours. Pressure tested to 1000 psi - held OK.

8 5/8" casing

Cemented 24# & 32# K55 ST&C 8 5/8" casing with 950 sx Halliburton LW and 250 sx Class C* at 2489'. Plug down @ 4:30 PM 1-10-75. Cement Circulated. WOC 24 hours. Pressure tested to 2000 psi - held OK.

* 290 cc.

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

SIGNED Jack Patchell TITLE Operations Engineer

DATE 2-7-75

APPROVED BY W. A. Gressett

TITLE SUPERVISOR, DISTRICT II

DATE FEB 10 1975

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION RECEIVED

30-015-21444

Form C-101
Revised 1-1-65

DEC 18 1974

O. C. C.

ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5A. Indicate Type of Lease STATE ☒ FEE ☐	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		5. State Oil & Gas Lease No. L 6656	
2. Name of Operator American Quasar Petroleum Co. of New Mexico		7. Unit Agreement Name	
3. Address of Operator 606 Vaughn Bldg., Midland, Texas 79701		8. Farm or Lease Name Huber State	
4. Location of Well UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 2410 FEET FROM THE West LINE OF SEC. 36 TWP. 23S RGE. 22E NMPM		9. Well No. 1	
		10. Field and Pool, or Wildcat X Wildcat Marrow	
		12. County Eddy	
		19. Proposed Depth 10,500'	
		19A. Formation Morrow	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 4410' GL		21A. Kind & Status Plug. Bond Statewide	
		21B. Drilling Contractor Perlap	
		22. Approx. Date Work will start 12-25-74	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
30"	20"	78.60	50'	Readi-Mix	Circ.
17 1/2"	13 3/8"	48	400'	350 sx	Circ.
12 1/4"	8 5/8"	24, 32	2500'	1150 sx	Circ.
7 7/8"	5 1/2"	17	10500'	400 sx	8500

NSL-695
12-20-74

BOP Stack

10" Series 900 Hydril
Cameron QRC Double - 3000 psi WPAPPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-23-75

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.

Signed James D. Jones Mgr. of Operations Date 11-12-74

(This space for State Use)

APPROVED BY W. A. Gessett TITLE OIL AND GAS INSPECTOR

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 13 3/8" casingDATE DEC 23 1974
Notify W. A. Gessett in sufficient
time to witness cementing

8 7/8" casing

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

NOV - 4 1974

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

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

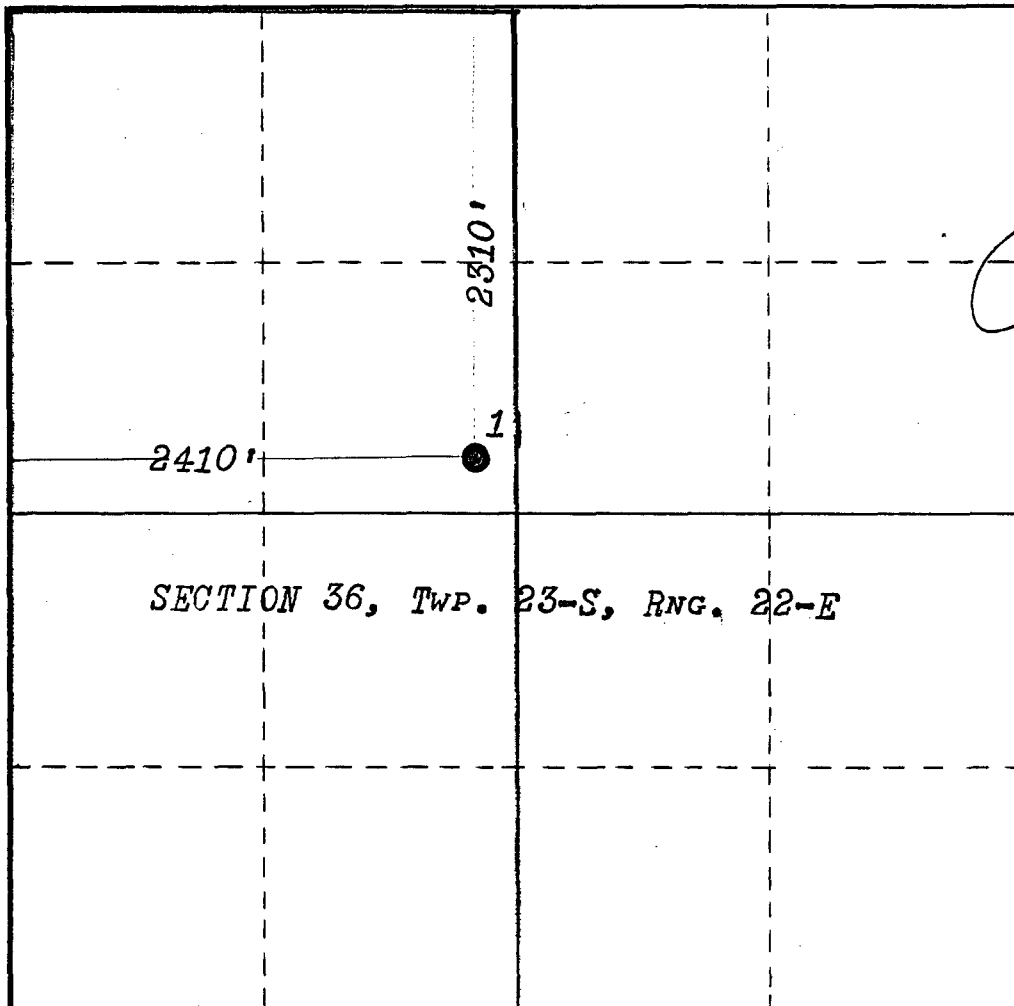
Operator AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO			Lease Huber State		Well No. 1
Unit Letter F	Section 36	Township 23S	Range 22E	County Eddy	
Actual Footage Location of Well: 2310 feet from the North line and 2410 feet from the West line					
Ground Level Elev. 4410	Producing Formation Morrow		Pool Wildcat Morrow	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 N/A ARTESIA, OFFICE

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

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

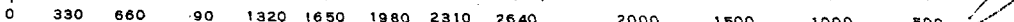
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Lynn D. Jones
Position
Mgr. of Operations
Company
American Quasar Petroleum Co. of New Mexico
Date
November 1, 1974

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
Oct. 29, 1974
Registered Professional Engineer and/or Land Surveyor
[Signature]

Certificate No.
754



CONTR Ard GPR'S ELEV 4410' GL PD 10.500' RT

6-3-6 NM

EDDY

Wildcat

NM

AMERICAN QUASAR PET. CO. OF NEW MEXICO

Page #2

1 Huber State

Sec 36, T23S, R22E

3-4-75

Continued

DST (Wolfcamp) 7735-60', open 1 hr 15 mins,
rec 420' DM, 1 hr 30 min ISIP 774#, FP 134-
134#, 2 hr FSIP 2021#, HP 2338-2338#

DST (Pennsylvanian) 8750-8830', open 1 hr 30
mins, rec 300' DM, 1 hr 30 min ISIP 262#, FP
122-129#, 2 hr FSIP 385#, HP 4382-4329#

3-11-75

TD 10,261'; Prep DST

DST (Morrow) 9945-10,090', open 3 hrs 20 mins,
GTS in 3 mins @ 1200 MCFGPD thru 1/4" chk,
SFP 780#, rec 116' GCM, 1 hr ISIP 3911#, FP
430-774#, 1 hr 40 min FSIP 3848#, HP 5006-
4964#

6-3-6 NM

3-18-75

TD 10,400'; PBD 10,290'; MORT

DST (Morrow) 10,085-261', open 2 hrs, GTS
in 17 mins @ 198 MCFGPD thru 1/4" chk, SFP
120#, rec 790' GCM, 1 hr 30 min ISIP 3911#,
FP 387-495#, 3 hr FSIP 3911#, HP 5173-5173#
DST (Morrow) 10,265-400', open 1 hr 30 mins,
rec -95' DM, 1 hr 30 min ISIP 250#, FP 153-
172#, 1 hr FSIP 172#, HP 5235-5174#

3-24-75

TD 10,400'; PBD 10,290'; WOCU

3-31-75

TD 10,400'; PBD 10,290'; SI

Perf (Morrow) 10,052-064', 10,098', 10,107',
10,114', 10,122', 10,132', 10,135', 10,137',
w/28 shots

Flwd 750 MCFGPD thru 1/4" chk, TP 520# (10,052-
137')

6-3-6 NM

EDDY Wildcat
AMERICAN QUASAR PET. CO. OF NEW MEXICO
1 Huber State
Sec 36, T23S, R22E

NM
Page #3

4-14-75 TD 10,400'; PBD 10,290'; SI
4-21-75 TD 10,400'; PBD 10,290'; Tstg
Flwd 1700 MCFGPD in 1 hr 30 mins thru 1/2"
chk, TP 250# (10,052-137')
4-28-75 TD 10,400'; PBD 10,290'; SI
Acid (10,052-137') 400 gals
Frac (10,052-137') 6000 gals EZE Flow
Flwd 550 MCFGPD, TP 900# (10,052-137')
5-5-75 TD 10,400'; PBD 10,290'; SI
Flwd 800 MCFGPD + 1 1/2 BLWPH in 10 hrs 30
mins thru 3/4" chk, TP 46# (10,052-137')
5-12-75 TD 10,400'; PBD 10,290'; WO Pot

6-3-6 NM

5-12-75 Continued
Perf (Morrow) 10,052-064', 10,107', 10,114',
10,122' w/4 SPF
Acid (10,052-137') 6000 gals
Flwd 1500 MCFGPD in 1 hr thru 3/4" chk, TP
95# (10,052-137')
5-19-75 TD 10,400'; PBD 10,290'; WO Pot
6-16-75 TD 10,400'; PBD 10,290'; Complete
Morrow Discovery, No Suggested Field Name
LOG TOPS: San Andres 420', Glorieta 1845',
Bone Spring 2960', Wolfcamp 6012', Canyon
7835', Strawn 8880', Atoka 9436', Morrow
9840'
6-21-75 COMPLETION ISSUED

6-3-6 NM

DISTRIBUTION	6	
SANTA FE	1	✓
FILE	1	
U.S.G.S.	2	
LAND OFFICE	1	
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
JUN 18 1975
JUN 13 1975

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
L6656

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
OIL CONSERVATION COMM. Santa Fe O.C.C. ARTESIA, OFFICE

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Huber State

2. Name of Operator
American Quasar Petroleum Co. of New Mexico ✓

3. Address of Operator
606 Vaughn Building, Midland, Texas 79701

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat Morrow

4. Location of Well
UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 2410 FEET FROM THE West LINE OF SEC. 36 TWP. 23S RGE. 22E NMPM

12. County
Eddy

15. Date Spudded
12-30-74

16. Date T.D. Reached
3-12-75

17. Date Compl. (Ready to Prod.)
5-9-75

18. Elevations (DF, RKB, RT, GR, etc.)
4410 GR

19. Elev. Casinghead

20. Total Depth
10,400'

21. Plug Back T.D.
10,290'

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools
0-10,400'

25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name
10,052'-10,137'

27. Was Well Cored
No

26. Type Electric and Other Logs Run
CNL, FDC, GR, DLL

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	410'	17 1/2"	425 sx Class C. circ.	None
8 5/8"	24#, 32#	2489'	12 1/4"	950 sx Hall. LW, 250 sx Cl. C. Nor	
5 1/2"	17#	10399'	7 7/8"	1100 sx Class H	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8"	9979'
						9979'

31. Perforation Record (Interval, size and number)
10,052' to 10,137'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,052-10,137'	500 gal. 7 1/2% + 6000 gal. Dowell EZE-Flo Frac.
	6000 gals. 7 1/2% MS acid

33. PRODUCTION

Date First Production
5-6-75

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Shut-in

Date of Test 5-9-75	Hours Tested 4	Choke Size Various	Prod'n. For Test Period →	Oil - Bbl. 0	Gas - MCF 80.7	Water - Bbl. 0	Gas - Oil Ratio ----
Flow Tubing Press. 2046	Casing Pressure ---	Calculated 24-Hour Rate →	Oil - Bbl. 0	Gas - MCF 977	Water - Bbl. 0	Oil Gravity - API (Corr.) ----	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented 80.7 MCF

Test Witnessed By
T. R. Fleeman

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Lynn D. Jones TITLE Div. Operations Mgr. DATE 6-11-75

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

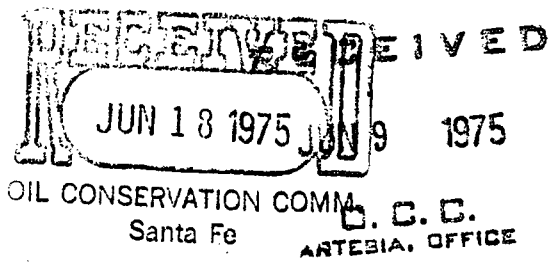
Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	420'	420	Queen				
420	1845'	1425'	San Andres				
1845'	2960'	1115'	Glorieta				
2960	6012	3052'	Bone Springs				
6012	7835	1823	Wolfcamp				
7835	8880	1045	Canyon				
8880	9436	556	Strawn				
9436	9840	404	Atoka				
9840	10335	495	Morrow				



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO
HUBER STATE NO. 1, WILDCAT
DRILL STEM TESTS

- 2-15-75 DST #1 7269-7300' Tool Open 150 min GTS in 15 min 85# on 1/4" choke. Rec. 170' condensate, 500' of condensate and GCM. 4 hr BHP 951.
- 2-18-75 DST #2 7735-7760' Tool open 75 min. Rec. 420' DM - no oil or gas. 2 hr BHP 2021.
- 2-27-75 DST #3 8750-8830' Tool open 90 min. Rec. 300' DM - no oil or gas. 2 hr BHP 385 psi.
- 3-09-75 DST #4 9945-10,090' Tool open 130 min. GTS 10 min stabilized @ 780# on 1/4" choke. Rec. 616' GCDM. Sampler recovery 6.1 ft³ gas 900 psi 3 1/2 hr BHP 3848 psi.
- 3-11-75 DST #5 10,085-10,261' Tool open 120 min GTS 17 min. Stabilized @ 120# on 1/4" choke. Rec. 790' GCDM. Sampler recovery 1.97 ft³ gas 400 psi 3 hr BHP 3911 psi.
- 3-13-75 DST #6 10,265-10,400' Tool open 90 min. Rec. 95' DM - no oil or gas. 1 hr BHP 172 psi.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR American Quasar Petroleum Company ADDRESS 606 Vaughn Building, Midland, Tx 79701
of New Mexico
 FIELD Wildcat LEASE Huber State WELL NO. 1
 LOCATION 2310' FNL and 2410' FWL, Section 36, T-23-S, R-22-E, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
177	3/4	4700	4-1/4	6351	1-3/4	8618	2-1/4
390	1	4763	4-1/4	6485	1-3/4	8753	2
816	1/2	4836	4-1/4	6672	2-1/2	8971	1-3/4
857	1/4	4917	4-1/4	6766	2-1/2	9094	1-1/2
1190	3/4	4979	4	6827	1-3/4	9345	1-3/4
2015	1/2	5062	4-1/4	6909	1-1/4	9562	1-3/4
2489	3/4	5157	4-1/4	7024	1/4	9686	1
3361	1	5273	4-3/4	7190	2-3/4	9842	1-1/4
3922	1	5314	4-1/4	7468	1-1/2	10,090	1-1/2
4040	1-3/4	5359	4	7602	1-1/4	10,261	2-1/4
4234	2	5484	3	7716	1-1/2	10,400	2-1/4
4265	2-1/2	5540	3	7912	3		
4325	3-1/2	5645	3	8006	3-1/4		
4375	3-1/2	5764	2-3/4	8120	2-3/4		
4483	3-1/4	5887	2-1/2	8185	2-3/4		
4577	4	5972	2-1/2	8348	3		
4615	4-1/4	6073	2-1/4	8473	1-1/2		

RECEIVED

JUN 9 1975

O. C. C.
ARTESIA, OFFICE

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

J. E. R. Sheeler
Signature

ARD DRILLING COMPANY
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared J. E. R. Sheeler, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

J. E. R. Sheeler
Signature

Vice-President, Ard Drilling Company
Title

Sworn and Subscribed to before me, this the 15th day of May, 1975

S. R. McKinney, Jr.
Notary Public in and for Midland County,
Texas.

MY COMMISSION EXPIRES:

June 1, 1975