# N. M. O. C. SERMICOPPRI

Form approved. Budget Bureau No. 42-R1425.

26 miles 1  15. DISTANCE FROM PROPULOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest drights)  18. DISTANCE FROM PROPUTO NEAREST WELL, DOR APPLIED FOR, ON THE  21. ELEVATIONS (Show who	r. INE, FT. INE, FT. INE, FT. INE, FT. INE, FT. INE, ET.	/# 660/W	1160 3. NO. OF ACRES 1160 9. PROPOSED DEPT 10.CCO	NG PROGR <i>A</i> I DEPTH	17. NO. 6 TO T		13. STATE  BM  BK  BK WILL START*
26 miles 1  15. DISTANCE FROM PROPELOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest drights). DISTANCE FROM PROPERTO NEAREST WELL, DOR APPLIED FOR, ON THE 21. ELEVATIONS (Show whe says to the says to th	DEED OF ESCENSION OF THE PROPERTY OF THE PROPE	/# 660/W 15  Zy mi. 16  ROPOSED CASING  WEIGHT PER FOOT	1160 3. NO. OF ACRES 1160 9. PROPOSED DEPT 10. CCO AND CEMENTO	NG PROGRA	17. NO. of TO T	Chaves  Chaves  Chaves  OF ACRES ASSIGNED  HIS WELL  40  RY OR CABLE TOOLS  ROTARY  22. APPROX. DATE WO  Chapprove	13. STATE  BOX  BK WILL START*
26 miles 1  15. DISTANCE FROM PROPOLOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest dright).  18. DISTANCE FROM PROPOTO NEAREST WELL, DOR APPLIED FOR, ON THE CONTROL OF THE CONTR	DEED OF EAGETRAIN DEED OF THE PROPERTY OF THE	/# 660/W 19 19 19 19 19 19 19 19 19 19 19 19 19	1160 3. NO. OF ACRES 1160 9. PROPOSED DEPT 10.000	H	17. NO. 6 TO T	Chaves  Chaves  Chaves  OF ACRES ASSIGNED HIS WELL  40  RY OR CABLE TOOLS  ROTARY  22. APPROX. DATE WO	13. STATE  13M  RK WILL START*
26 miles 1  15. DISTANCE FROM PROPOLOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest dright).  18. DISTANCE FROM PROPOTO NEAREST WELL, DOR APPLIED FOR, ON THE CONTROL OF THE CONTR	DSED*  IT  INE, FT.  S. Unit line, if any) 660,  OSED LOCATION*  RILLING, COMPLETED,  IS LEASE, FT.  ether DF, RT, GR, etc.)	/# 660/W 16	ico 3. NO. OF ACRES 1160 9. PROPOSED DEPT		17. NO. 6	Chaves  Chaves  Chaves  OF ACRES ASSIGNED HIS WELL  40  RY OR CABLE TOOLS  ROTARY  22. APPROX. DATE WO	13. STATE  13M  RK WILL START*
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26 miles 1  15. DISTANCE FROM PROPULOCATION TO NEAREST	E of Eagerman	n, New Mexi	i.co	IN LEASE	17. NO.	Chaves  Chaves  F ACRES ASSIGNED HIS WELL	13. STATE
26 miles 1  15. DISTANCE FROM PROPULOCATION TO NEAREST	E of Eagerman	n, New Mexi	ico	IN LEASE	17. NO.	12. COUNTY OR PARISH Chaves OF ACRES ASSIGNED	13. STATE
26 miles 3	II of Bagerman	n, New Mex	ico			12. COUNTY OR PARISH	13. STATE
			<del>-</del> -		<del></del>		
						Sec 17 Twall	28 <b>R</b> ge301
At proposed prod. zon		000 1101	765C 241	re var			
	Worth Line,	660 Prom	West Lie	a The	+ B	11. SEC., T., R., M., OR I	
	eport location clearly and				· · · · -	Wildcat	
Dı	rawer I, Art	esiz. Hew i	Mexico f	3821C		10. FIELD AND POOL, O	R WILDCAT
3. ADDRESS OF OPERATOR						#1	
Sı	andance Oil C	CENARY				9. WELL NO.	MATOT
2. NAME OF OPERATOR	ELL OTHER		ZONE	ZONE		Amoco Ped	
	AS		SINGLE X	MULTIP	LE 🗀	8. FARM OR LEASE NAM	VE
	LL 🗷	DEEPEN	P	LUG BA		7. UNIT AGREEMENT N	AME
1a. TYPE OF WORK							
APPLICATION	N FOR PERMIT T	O DRILL, DE	EPEN, OR	PLUG B	ACK	6. IF INDIAN, ALLOTTEI	C OR TRIBE NAME
	GEOLO	GICAL SURVEY				HM-2830	
	כבטו מי						AND SERIAL NU.
		OF THE IN	ERIOR			5. LEASE DESIGNATION	AND GROVET NO
	DEPARTMENT	ED STATES OF THE INT	TERIOR	reverse si	de)	5. LEASE DESIGNATION	20517

11.6# or 17#

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. 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 WYN SMON	gan TITLE Supt.	Permian Basin Ares	DATE 10-12-75
	(This space for Federal or State office	use)	- NS	
	PERMIT NO.	- 4 A E PO	OPERATION .	a
	Apriored By	THIS AFFROYAL IS RESCINDEDANTERO THIS AFFROYAL IS RESCINDEDANTERO WITHIN 3  ARE NOT COMMENCETTURE  ARE NOT COMMENCETURE  ARE NOT COMMENCETURE  ARE NOT COMMENCETURE  ARE NOT COMMENTE C	SUBJECT TO ATTACHED DEEP	WELL CONTROL
AP	CONDITIONS OF APPOVAL AT ANY :	THIS APP COMMENT	SOUBJECT TO ATTACHED DEEP JU	Nº 30
	DE SEEKWITH NEER	EXPIRES WIN	SULFEMENTS DI	
	DE BEEKNING NEER ONSTRICT ENCINEER	*See Instructions On R	Reverse Side	

# Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices. Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963-0-711-396

RECEIVED

160 0 175

O. C. C.

8 1975 DEC

## NEW TO OIL CONSERVATION COMMISSION WELL LUCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator Sundance Of	Il Company	All distances must be in	Amoco Federa		Well No.
Unit Letter 5	Section	Township	Range	County	
Actual Footinge Locat	17	12 South	30 East	Chaves	
660	feet from the	North line and	660	feet from the Wet	
Ground Level Elev. 3879.1	Producing Fo		P∞1 <b>Vildent</b>		Dedicated Acreage; Acres
2. If more than interest and	n one lease is royaltv).		, outline each and i	dentify the ownership	the plat below. thereof (both as to working
dated by cor Yes  If answer is this form if the No allowable	"no," list the necessary.)	unitization, force-poolir answer is "yes;" type of owners and tract descr	consolidationiptions which have	actually been consoli	of all owners been consoli- idated. (Use reverse side of ommunitization, unitization, en approved by the Commis-
-09					CERTIFICATION
660'			1 1 1	tained l	y certify that the information con- herein is true and complete to the my knowledge and belief.
				Name Name Fosition	Mangan  Mangan  Mangan
	1		† 	Company Date	Acept
				is true	NOV maritim well location of the location was plotted from field in action with the same and correct to the best of my age and belief.
	- +			Date St.	Professional Engineer Land
					In the state of th

# SUNDANCE OIL COMPANY Drawer I Artesia, New Mexico 88210

# DEVELOPMENT PLAN FOR SURFACE USE UNITED STATES GEOLOGICAL SURVEY PERMIAN BASIN AREA

Date	11-10-75
Well	Amoco Federal #1 Location Sec 17 Twn12S Rge30E
1.	Existing roads including location of the exit from the main highway
	Exhibit A
2.	Planned access roadsExhibit B
3.	Location of existing wells Sun Federal #1 1-13-29
	Sohio Monterrey 27-12-30 Beveridge Federal 29-12-30
4.	Lateral roads to well location No lateral roads will be built
	unless production is encountered.
5.	Location of tank batteries and flow lines
•	Battery will be on southeast corner of location
	if production is found.
6.	Location and type of water supply(rivers, creeks, lakes, ponds, well, etc.,)
	There is no available water in this area. All water
	will have to be hauled in.
7.	Methods for handling waste disposal If waste water becomes a
	factor, because of production, it will be hauled to a
_	disposal area.
8.	Location of camps <u>none</u>
9.	Location of airstripsnone
-	

	Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.,
_	Exhibit C
I	Plans for restoration of the surface
_	Should not be necessary.
E	Any other information that may be used in evaluating the impact on environment. Include general description of the topography, vegetation, and other aspects of the area.
_	The area of this well is sand dunes with scruboak,
	beargrass, and very sparse vegetation.
-	
	Company Sundance Oil Company
	Representative Milliam MMMan
	Phone: Ofc. 748-1266 Home 748-2325
	Address Drawer I
	Artosia Nov Movido 88210



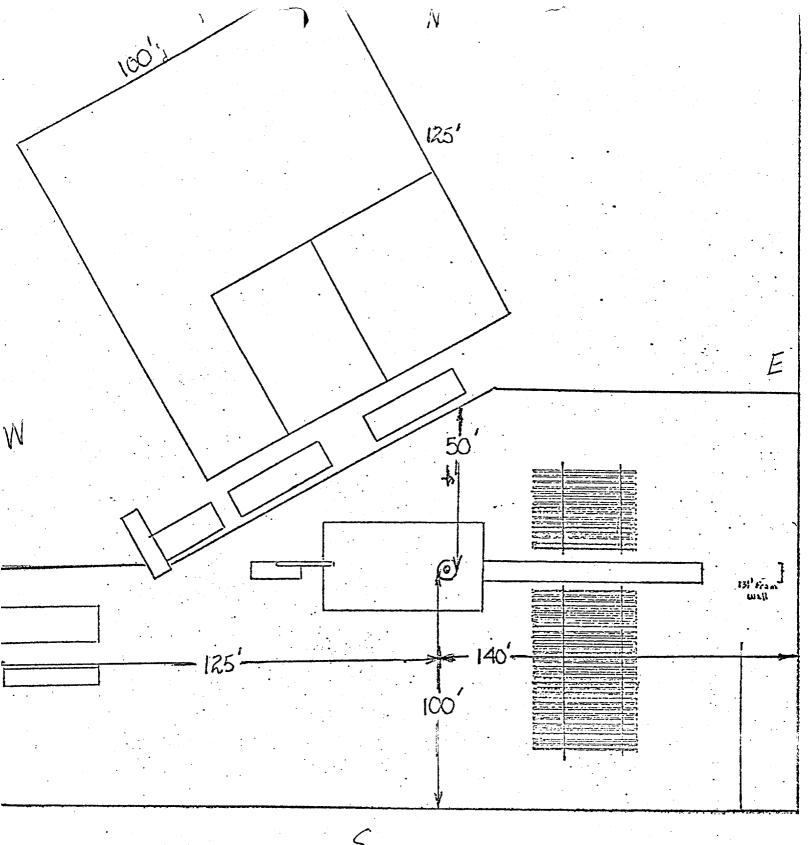
#### SUNDANCE DIL COMPANY

Amoco Federal #1 Unit D Sec 17 Twnl2S Rge30E

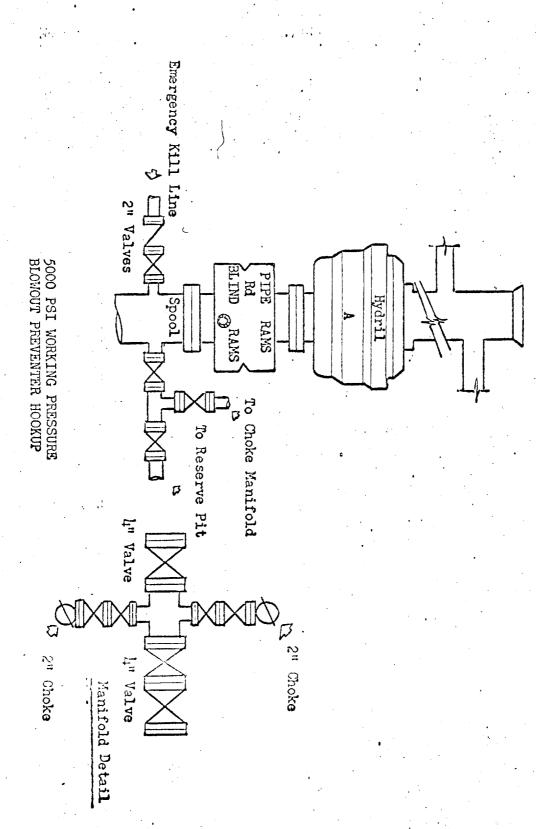
We would like to build a road 1 1/8 miles north west on an existing ranch road, at that point, go north 1 5/8 miles and angle north east 3/8 mile to location.

The reason for this angle to the north west, is to acquire caliche at about that point. This would allow us to haul both ways on this long length of road.

There will be a cattle guard to set, approximately 400' south of location in the fence line running east and west.



MORANCO #9. #5
LOCATION DIAT.



4	5	4	3
7	ANOFED #1	9	10
18		16	15
19	30	21	22
30	AEVEN 20E FED	28	37 SOHÍQ- MONTEREY

Sundance Oil Co.
Amoco Federal #1
10,000' Miss. Test

Chaves County, New Mexico Unit D - Section 17- 125.- 30E.

#### Casing Program

- A. Surface Casing
  Set 13 3/8" at 300 feet
- B. Intermediate

  Set 8 5/8" or 9 5/8" at 2400 feet
- C. Production Casing
  Set  $4 \frac{1}{2}$  or  $5\frac{1}{2}$  at 10,000 feet

#### Remarks

- A. Drill 17 1/2" hole
- B. Drill 11" hole
- C. Drill 7 7/8" hole

#### Recommended Mud Program

0 - 300' Drill with fresh water, spud mud of DMI Drilling Gel.
A viscosity of 32-38 sec/1000 c.c. for proper hole cleaning in the surface interval.

If lost circulation is encountered mix pits full of mud and lost circulation materials, then if there are no returns, suggest dry drill to casing point.

300'-2400' Continue drilling with water. Add Salt Gel as required for additional viscosity to clean hole. Treat lost circulation as above.

Viscosity 32-34 sec/1000 c.c. Weight 9.8-10#/gal. Filtrate N.C.

2400'-5900' Drill with water and Lime for pH control.

Weight 8.6-9.0#/gal.

At this interval if lost circulation is experienced, mix fibrous materials so as to be suspended in viscous mud for effectively restoring circulation.

\_

Have 4 ppb Soltex in system and lower water loss to 10 c.c. or less to drill Abo section at 5960'.

At 7200 feet mud up with a low solids system of DMI Gel and Drispac. For mud up, these properties are suggested:

Viscosity 34-36 sec/1000 c.c. Weight 8.9-9.0#/gal. Filtrate 15.20 c.c.

For the Mississippi (approx. 8700') interval the following properties are suggested:

Viscosity 36-40 sec/1000 c.c. Weight 9.3#/gal.-9.8#/gal. Filtrate 5-6 c.c.'s

#### LOCATION

OPERATOR .	Franklin, Aston & Fair, Inc.
	North King Camp Unit #11
COUNTY	Chaves DEPTH 10,268
CONTRACTOR.	
	Sec. 35, T-13-S, R-29-E
	SL, 660' FEL of Sec.

#### FORMATION TOPS

Anhydrite	<u>.</u> (බ.	165		АЪо	_ര.	6000	!!
Yates .	(a)	1080		Wolfcamp	_ල_	7050	
Queen	.വ	1860		Strawn	G\_	8330	11
San Andres	(a).	2425		Atoka	_ര_	9020	
Glorieta	ര.	3750	f1	Chester	_ල _බ	9380	
Tubb	<u>a</u>	5190	11	Miss.	(a)	9560	· 11

Devonian @ 10,075 ft.

#### CASING PROGRAM

COND. SURFAC	<u>1</u> 3-3,	-@- 78	285'
IST INT.	8-5/	78"~ -0-	2450'
2nd IN			
LINER		_@_	
PROD.	43/2	<u>බ</u>	9764

BITS	JSED
17-3/4 1 R	ANHr.
11 2 B	AN 44
7-7/8 10 R	AN 682.34
3	ANHr.
inch R	AN Hr.

#### TIME

SPUD DATE	9-21-74
DATE T.D.	11-5-74
TOTAL DAYS	51
DRILLING DAYS	
CASING DAYS	
TROUBLE DAYS	,

#### PROBLEMS

LOSS CIRC.	@
WATER FLO	w@
GAS KICK	@
STUCK	ଡ
FISHING	a
OTHER	@

Vert. Dev. 4° to 14°

DATE	DEPTH	WEIGHT	VISCOSITY	WATER LOS	S FLUID TYPE
	Set 13-3/8	3" csg @ 285'			
	Set 8-5/8	3" csg @ 2450'			
	Set 4½"	csg @ 9764¹			
•					
	2,245				Н <sub>2</sub> О
	2,965	8.4	28	·	
•	•				
10-11-74	7,043	8.7	34	12	Mud up
				•	
10-18-74	8,762	8.8	33	10	
ka ugana kuga, sahi ugu kunun mid nahilikin mila digantan dalah kungga patan dagan	-				endykanya di terminan yang menjadi kelalah di terminan di terminan di terminan di terminan di terminan di term
10-25-74	9,894	9.2	36	. 6	—————————————————————————————————————
11-1-74	10,268	9.2	34	6	
					•
	Shut in Ga	s Well			*
	*	<del></del>	***************************************		
•					
			<del></del>	<del></del>	<u> </u>

# RI TRENCE WELL DAT.

### LOCATION

OPERATOR .	Union Oil Co. of California
1	Waller - /33 #1
COUNTY _	Chaves DEPTH 8235
CONTRACTOR_	And Dala Co
1 '	Sec. 33 - 12S - 28E
LEGAL DISC.	

#### FORMATION TOPS

.		<u></u> @
Ŧ		<b>.</b>
	@n	
1		
	<u> </u>	

#### CASING PROGRAM

i .	
COND	
COND. 8-5/8 SURFACE 8-5/8	1900
SURI ACE(d'	
1º1 INT@	
2nd INT	
LINER	
PROD. @	

0113 0361	В	TS	US	ED
-----------	---	----	----	----

124 Inch_	1 RAN 18-3/4
11 Inch -	2 RAN 21% Hr
7-7/18cm_	23 RAN 424-3/4
inch_	RANHr.
inch_	RANHr.
inch	RAN - Hr.

#### TIME

SPUD DATE	5-30-68
DATE T.D.	6-27-68
TOTAL DAYS	28
DRILLING DAYS	
CASING DAYS	
TROUBLE DAYS	

#### PROBLEMS

LOSS CIRC.	@
WATER FLOT	<b>*</b> @
GAS KICK	@ <b></b>
STUCK	ම
FISHING	ര
OTHER	@

Vert. Dev. 3/4°-3°

DATE	DEPTH	WEIGHT	VISCOSITY	WATER LOS	SS   FLUID TYP
	1695	10.2	32	N/C	
·	. Set	8-5/8" csg @ 1900	6/2/68		
	4738				Н <sub>2</sub> О
•	5196	9.0	33	N/C	Mud up ABO
	5943	9.2	39	. N/C	
	6931	9.3	36	N/C	
The second secon	7342	9.1	34	N/C	
	7846	. 9.3	38	8.0	
	7951	9.3	38	8.0	-
	. 8220	9.2	38	8.0	
<del> </del>	8235	9.2	39	8.4	

### REFERENCE WELL DATA

#### LOCATION'

# OPERATOR Rodman Corp: WELL NAME 5 North King Camp Unit COUNTY Chaves CONTRACTOR Moran Qil Prod. RIG 6 LEGAL DISC. Sec. 17, T-13-S, R-29-E 1980' FSL, 1980' FWL of Sec.

#### FORMATION TOPS

	Yates	_@_	750	Wolfcamp @_	6770
	Queen	_ @_	1470	Morrow @	0210
	San Andre	- -	2045		0700
	Glorieta			<u> </u>	
	Tubb	-e-	4885		11
L	Abo	-@- @	5690		11
					f ( )

#### CASING PROGRAM

COND	
12-3/4 SURFACE	294
101 INT. 8-5/8	2223
2nd INT	t t
LINER	1
PROD. @	

	В	IT	S	U	S	E	D
--	---	----	---	---	---	---	---

15 Inch	1 <sub>RAN</sub> 4	He
11 Inch	2 <sub>RAN</sub> 36-	3/4
7-7/8	$\frac{2_{RAN}}{19_{RAN}} \frac{36-}{423\frac{1}{2}}$	—
ł .	RAN	
	RAN	
inch	RAN '	He

#### TIME

SPUD DATE	7-29-71
DATE T.D.	8-27-71
TOTAL DAYS	29
DRILLING DAYS	
CASING DAYS	
TROUBLE DAYS	

#### PROBLEMS

LOSS CIRC.	@
WATER FLOW	<b>/</b> @
048 KICK	@
STUCK	@
FISHIN <b>O</b>	a
OTHER	<b>@</b>

Vert. Dev. 4° to 3/4°

DATE	DEPTH	WEIGHT	VISCOSITY	WATER LOSS	£1.105 ****
	Set 12-3/	4" csg @ 294'		T WATCH COSS	FLUID TYP
	•				
	Set 8-5/	8" csg @ 2223'			
	4863				
					H <sub>2</sub> 0
,	5200		** <u>***********************************</u>		
					Mud up
	5370	, 0.7			
	3370	9.1	34	N/C	
,				•	
	5925	9.3	34	N/C	
· · · · · · · · · · · · · · · · · · ·	7796	9.5	37	N/C	•
-	8019	9.0	32	46.0	
					•
	8122	9.3	37	36.0	
				30.0	***************************************
	8482 .	9.3	39	10.0	
			73	12.0	
-71	8778	9.2			
/ 1		フ・ム - ***********************************	37	12.0	

## REFERENCE WELL DATA

#### LOCATION'

# OPERATOR Pan American Pet. Co. WELL NAME #1 North King Camp Fed. Unit Chaves OPEPTH 9311 CONTRACTOR Noble Drlg. Co. Sec. 22, T-13-S, R-29-E 1980' FNL, 1980' FWL of Sec.

#### FORMATION TOPS

	Yates	.ത.	946	Wolfcamp @ 7054
	Queen .	.a.	1661	Canyon @ 8125
	San Andres	.(3)_	2275	Strawn & 8460
	0.7	_	3642.	· · · · · · · · · · · · · · · · · · ·
1	Drinkard	_		Lower Missa 9242
4	Abo	<u>a</u>	5880	(a)

#### CASING PROGRAM

COND	
13-3/8	2741
11 INT. 9-5/8	2327'
2nd INT @	
LINER	
PROD. a	

#### BITS USED

17½ inch_	1 RAN	9 <sup>1</sup> 2 Hr
124	2	16
8-3/4	17 RAN_	5344 Hr.
ł.	RAN_	
inch-	RAN_	Нг.
inch	RAN	He

#### TIME

	*** ****
SPUD DATE	8-25-68
DATE T.D.	10-21-68
TOTAL DAYS	56
DRILLING DAYS	51
CASING DAYS	2
TROUBLE DAYS	

#### PROBLEMS

Vert. Dev. 30-10

DATE		DEP.	гн	WEIG		VISCOS			VATER	LOSS	6111	10 71	
		Set	13-3/8"	csg @	274°			l <u>'</u>	in i ch	1033	I FLO	D TY	Р
			***************************************				·····		<del></del>				
	<del></del>	Set	9-5/8"	csg @	23271	<del></del>		<del></del>					
•	<del></del>			- CO'S G	2321	**							
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9-15-68	•	6673	. ,	8.9		35	<del></del>		N/C	<del></del>			
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## REFERENCE WELL DATA

FORMATION TOPS

LOCATION

OPERATOR	Franklin Aston	& Fair	San Andres	@ 2450 n	Chester	9,340
	#12 North King	Camp Unit	01000000	~	,	10,020
	Chaves	DEPTH 10,060	i i	@ 5200 n		·
CONTRACTOR	Moranco	<sub>80</sub> 6	1 42 -	@ 6020 n	6	)
LEGAL DISC	Sec. 36, T-13-8	3, R-29-E	Wolfcamp	@ 7040 n		0
1980' FNL,	660' FWL of Se	ec.		<u>ම 8300</u> ,		
	E./Hagerman	Andrew Communities and the	1 <del></del>	Same arrange del	<u> </u>	
CASING F	ROGRAM		TIME		PROBL	EMS
13-3/8	17	2 Inch 1 RAN 9 Hr	SPUD DATE	5-13-75	LOSS CIRC. @_	•
SURFACE(a	318' 11	Inch 2 RAN 264 H	DATE T.D.	5-25-75	WATER FLOW @_	•
INT. 8-5/8	2450' 7-7	7/8 13 RAN 742 H	TOTAL DAYS	45	i e	
2nd INT.		_InchRANH	1 1	41	1	
LINER	D	InchRANHe	CASING DAYS	2	FISHING @.	***************************************
PROD.		inch RAN H	TROUBLE DAYS		OTHER @	2 DST's
		;			Vert. Dev. 3	4° to 2°
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DATE	DEPTH	WEIGHT	VISCOSITY	<del></del>	000   61 111	7.7.05
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	Set 13-	-3/8" csg @ 318'				<del></del>
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	Set 8-	·5/8" csg @ 2450'			Н20	)
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6-18-75	7800	9.2	36	. 9	Mind	l Up
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