NY FOR A DUAL COMPLETION, EDDY COUNTY, NEW MEXICO

# Case Mo.

Application

Transcripts

Small Exhibits

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
10 December 1980

# EXAMINER HEARING

# IN THE MATTER OF:

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Application of Threshold Development )
Company for a dual completion, Eddy )
County, New Mexico.

**CASE** 7077

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

## APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

William F. Carr, Esq.
CAMPBELL & BLACK P. A.
Jefferson Place
Santa Fe, New Mexico 87501

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MR. STAMETS: We'll call next Case 7077. MR. PADILLA: Application of Threshold 3 Development Company for a dual completion, Eddy County, New Mexico. MR. CARR: May it please the Examiner I am William F. Carr, with the law firm Campbell and Black, P. A., Santa Fe, appearing on behalf of the applicant. I have one witness who needs to be sworn. 10 11 (Witness sworn.) 12 -13 J. L. CONQUEST 14 being called as a witness and being duly sworn upon his oath, 15 testified as follows, to-wit: 16 17 DIRECT EXAMINATION 18 BY MR. CARR: 19 Will you state your full name and place 20 of residence? 21 My name is J. L. Conquest. I'm from 22 Bridgeport, Texas. 23 And how do you spell your last name? 2á C-O-N-Q-U-E-S-T.

Mave you previously testified before this Commission and had your credentials accepted and made a matter of record?

A. No, I haven't.

Q. Will you briefly summarize your educational background and your work experience?

A. Yes, sir. I graduated from Texas A&I
University at Kingsville in 1956 with a Bachelor of Science
degree in petroleum and natural gas engineering.

In 1956 through '59 I worked for Gulf Oil Corporation in Mississippi and south Louisiana as an engineer trainee and a junior engineer, and in 1959 - from 1959 through 1974 I was employed by Mitchell Energy Corporation in Bridgeport, Texas, either as a drilling engineer, production engineer, or division production engineer, and my responsibilities there included supervision of all phases of Mitchell's drilling and completion program and their production operations.

In 1974 I went to work for Threshold

Development Company as Operations Manager and I have been

under their employ since. My responsibilities include supervision of all of our drilling, completion, and production

operations.

Are you familiar with the application

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Turkey Track Wolfcamp, with the top and bottom of the pay zone shown as 9072 and 9166. The type of production would be oil, and the method of production would be flow.

It shows the lower zone as Turkey Track Atoka with the top of the zone at 10,776 and the bottom of the zone at 10,790. It shows it would be a flowing gas well.

Will you now refer to Applicant's Exhibit Number Two and identify this and explain the information contained the reon?

Exhibit Number Two is a location plat showing the location of the well, as well as the leasehold ownership of the surrounding leases. The 320-acre proration unit for our Atoka gas well is outlined in red.

Will you now refer to Applicant's Exhibit Number Three, which is the log.

MR. CARR: Mr. Examiner, we've supplied one complete copy of the log.

Exhibit Number Three is a copy of the formation density neutron log, which on the front of the log all of the formation tops are marked. Within the body of the log the perforations for each interval are marked on it, as well as our proposed packer setting depth, TD's, and in all instances where the various strings of casing are set, it's marked on that, also.

Now, Mr. Conquest, I would direct your attention to Applicant's Exhibit Number Four and ask you to identify this and review this for Mr. Stamets.

Okay. Exhibit Number Four is a diagrammatic sketch showing the pertinent information about the dual completion. It shows the ground elevation to be 3374.8. shows that we have 13-3/8ths inch surface casing set and cemented at 437 feet. It shows that we have 8-5/8ths inch intermediate casing set and cemented at 2700 feet. It shows that we have 5-1/2 inch production casing set and cemented at 11,750, with a DV tool set and cemented in the string at 9382.

of 2-1/16th inch tubing with the proposed setting depth of our lower packer, a Baker Model DB, to be set at 10,650, and the dual packer to be a Baker Model A-5, set at approximately 9000 foot.

It shows that we will use parallel strings

Wolfcamp perforations are shown, and these are the proposed Wolfcamp perforations, are shown at 9072 to 9076, 9142 to 9152, and 9164 to 9166.

The Atoka perforations, which are existing at this time, would be 10,776 to 10,790.

Also shown on this is the total depth of the well as 11,750, and the plugback total depth of 11,704.

In your opinion, does this method of com-

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2	Wolfcamp zone was 3123 pounds; also that our recovery was
3	3520 feet of oil and formation water, being 70 percent oil and
4	30 percent formation water.
5	Q. In your opinion will the proposed method
6	of dual completion be able to handle any pressure differential
7	which you may encounter?
8	A. Yes, it will.
. 9.2.	Q. Has the packer been set in this well?
10	A. No, we have yet to perform the Wolfcamp
11	portion of of this work, and as soon as it is completed
12	then we would set the packer and a packer-setting affidavit
13	would be furnished.
14	Q. In your opinion will granting this appli-
15	cation be in the best interest of conservation, the prevention
16	of waste, and the protection of correlative rights?
17	A. Yes, it will.
18	Q. Were Exhibits One through Six prepared
19	by you or under your direction and supervision?
20	A. Yes, they were.
21	MR. CARR: At this time, Mr. Examiner,
22	we would offer Applicant's Exhibits One through Six.
23	MR. STAMETS: These exhibits will be ad-
24	mitted.
25	MR. CARR: We have nothing further on

# CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Souly W. Boyd C.S.R.

I do hereby carrier that the foregoing is a complete record of the proceedings in the Examiner treating of Case No. 7072. heard by me on 1270. 1980.

Oil Conservation Division

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Also shown on this is the total depth of the well as 11,750, and the plugback total depth of 11,704.

In your opinion, does this method of com-

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2 pletion conform with good engineering practices? 3 Yes, it does. W 11 it insure the separation of the two producing zones in the well? 6 Yes, it will. 7 Do you believe this is the best possible 8 way to complete this well to recover the off and gas that can 9 be recovered from the two zones in the well? 10 Yes, I do. 11 Will you now refer to Applicant's Exhibit 12 Number Five and review this for Mr Stamets? 13 Okay. Exhibit Number Five is a bottom 14 hole pressure survey report on the Atoka gas zone, which shows 15 an initial 72-hour buildup of the bottom hole pressure to be 16 4590 psig with the surface pressure at 3469. This interval 17 was completed and has been producing since June the 29th of 18 1980, to El Paso Watural Gas, and is currently producing at 19 the rate of 600 Mcf per day, plus 7 barrels of condensate, and 20 no water. 21 I'll direct your attention to Applicant's 22 Exhibit Number Six and ask you to review this for the Examiner. 23 Yes. Exhibit Number Six is a copy of 24 our company form. It shows drill stem test data on the Wolf-25 camp oil zone. It shows that the bottom hole pressure of the

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In your opinion will the proposed method

Has the packer been set in this well?

No, we have yet to perform the Wolfcamp portion of -- of this work, and as soon as it is completed then we would set the packer and a packer-setting affidavit

In your opinion will granting this application be in the best interest of conservation, the prevention of waste, and the protection of correlative rights?

Were Exhibits One through Six prepared by you or under your direction and supervision?

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# CERTIFICATE

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Sowy W. Boyd C.S.R

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case 40.

, Examiner

Oil Conservation Division

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 25 November 1980

EXAMINER HEARING

IN THE MATTER OF:

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Application of Threshold Development ) Company for a dual completion, Eddy ) County, New Mexico.

CASE 7077

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oll Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 37501

William F. Carr, Esq. CAMPBELL & BLACK P. A. Jefferson Place Santa Fe, New Mexico 87501

For the Applicant:

23

MR. NUTTER: We'll call next Case 7077. MR. PADILLA: Application of Threshold Development Company for a dual completion, Eddy County, New Mexico. MR. CARR: Mr. Examiner, Threshold Deve-lopment requests that this case be continued to the Examiner Hearing scheduled to be held December 10th. MR. NUTTER: Case Number 7077 will be IÔcontinued to the Examiner Hearing scheduled to be held at this same place at 9:00 o'clock a. m. December 10th, 1980. (Hearing concluded.) 17 6 

# CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that

the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared

by me to the best of my ability.

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I do hereby carlify that the foregoing is a a complete record of the proceedings in the Examiner marring of flase on 1980.

heard by the on 1980.

Oll Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
25 November 1980

EXAMINER HEARING

IN THE MATTER OF:

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Application of Threshold Development )
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County, New Mexico.

CASE 7077

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TRANSCRIPT OF HEARING

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State Land Office Bldg.
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For the Appliance

William F. Carr, Esq. CAMPBELL & BLACK P. A. Jefferson Place Santa Fe, New Mexico 87501

For the Applicant:

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(Hearing concluded.)

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Sway to Bryd CSR

I do hereby certify that the foregoing is complete recert of the proceedings in the examiner macring of Case to. 7077, heard by the on 11/2.5. 1980.

Oil Conservation Division

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# STATE OF NEW MEXICO **ENERGY AND MINERALS DEPARTMENT**

OIL CONSERVATION DIVISION

LARRY KEHOE

December 19, 1980

FOST OFFICE BUX 2008
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
1505) 827-2434

	Re:	ORDER NO.	7077	<del></del>
Mr. William F. Carr (Campbell and Black		ONDER NO. H	<del>-6539</del>	
Attorneys at Law Post Office Box 2208		Applicant:		<del>-</del>
Santa Fe, New Mexico	, d			
	-	Threshold	Developme	n <del>t</del> Ca
Dear Sir:				v.
Yours very truly,	· . · <b>&gt;</b> )			
Yours very truly,				
Pours very truly,				
JOE D. RAMEY	<u> </u>			
Joe Somen				
JOE D. RAMEY				
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JOE D. RAMEY				
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JOE D. RAMEY Director				
JOE D. RAMEY Director	to:			
JOE D. RAMEY Director	to:			

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 7077 Order No. R-6539

APPLICATION OF THRESHOLD DEVELOPMENT COMPANY FOR A DUAL COMPLETION, EDDY COUNTY, NEW MEXICO.

# ORDER OF THE DIVISION

# BY THE DIVISION:

This cause came on for hearing at 9 a.m. on December 10, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 17th day of December, 1960, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises.

# FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Threshold Development Company, seeks authority to complete its Conoco "10" State Com Well No. 1, located in Unit I of Section 10, Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce oil from the Wolfcamp formation and gas from the Atoka formation through parallel strings of tubing.
- (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will prevent waste and protect correlative rights.

# IT IS THEREFORE ORDERED:

(1) That the applicant, Threshold Development Company, is nereby authorized to complete its Conoco "10" State Com Well No. 1, located in Unit I of Section 10, Township 19 South, Range 29

-2-Case No. 7077 Order No. R-6539

East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce oil from the Wolfcamp formation and gas from the Atoka formation through parallel strings of tubing with separation of the zones to be achieved by means of a packer set at a depth of approximately 10,650 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Yest Period for gas wells in Southeast New Mexico.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereing above designated.

STATE OF NEW MEXICO OTL CONSERVATION DIVISION

DOE D. RAMEY

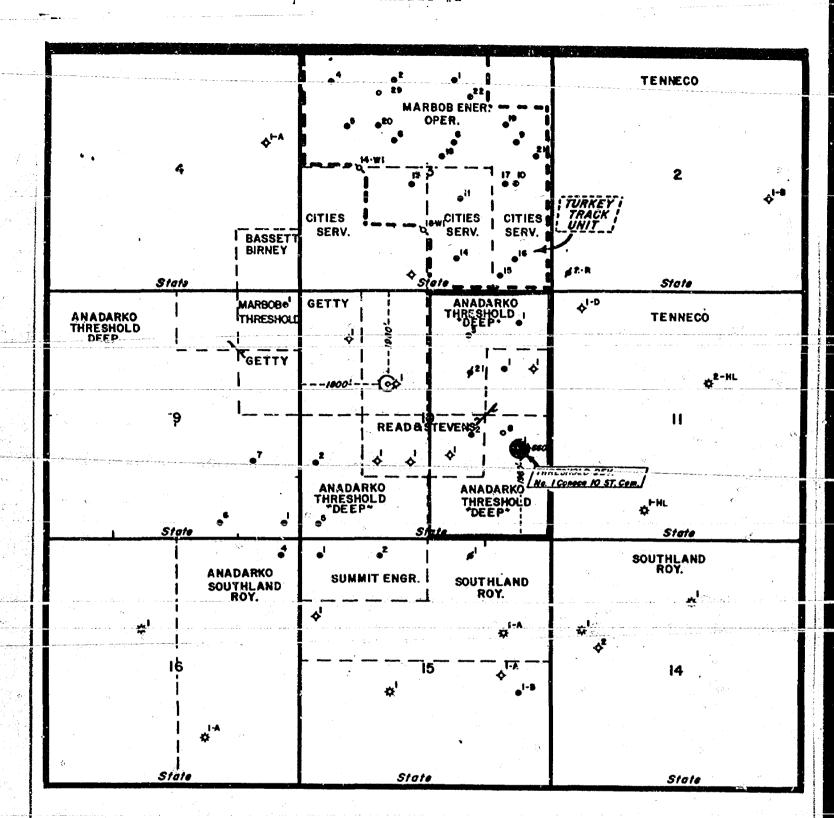
EAL

# NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

# EXHIBIT #1

Operator			County		16	
	shold Developm	ent Company	Ed	_	September 25, 1980	
	Gibls Tower West	, Midland, Tex.797	1	Conoco "10" State Com 1		
	I	Section 10	Township 19		Range	29E .
1. Has the	New Mexico Oil Conserv	ation Commission heretofo	re authorize	d the multiple completion of	a well i	n these same pools or in the same
		ect well? YES				
2. If answer	r is yes, identify one su	ch instance: Order No	<del></del>	; Operator Lease, an	d Well N	0,:
3. The follo	owing facts are submitted	l: Upper Zone		Intermediate Zone		Lower Zone
a. Name	of Pool and Formation	Undes Turkey Tr	ack-Wol	camp	Ţ	Indes.Turkey Track-Atoka
b. Top a	nd Bottom of					
_	Section	9072-9166'			- 1	10,776-10,790'
	rforstions)	_ / _ / _ /	<del> </del>	<b></b>		
	of production (Oil or Gas d of Production	o <u>il/</u>	<del></del>		·	Gas
	owing or Artificial Lift)	Flowing				Flowing
	wing are attached. (Plea					
Yes N			r · ·			•
	a. Diagrammatic Sk- izers and/or turb	olizers and location thereo	f, quantities	s used and top of cement, pe	rforated	neters and setting depths, central- intervals, tubing strings, including
	b. Plat showing the		pplicant's le			r information as may be pertinent. es, and the names and addresses
<b>₹</b> 3 [□	c. Waivers consenti	- 7.F	etion from e	ach offset operator, or in lie	u thereo	f, evidence that said offset opera-
	d. Electrical log of	the well or other acceptat	le log with	tops and bottoms of produce application is filed it shall	ing, zone l be subi	es and intervals of perforation in- mitted as provided by Rule 112-A.)
		ease on which this well is O. Box 1231, Midla		ther with their correct mailings 79702	ng addre	ss.
		Park Ten Blvd. Sui		Worth, San Antonio,	Texas	s 78213
	ting our <del>s a re-</del> tuicture in an unstitution.	marang radia 143 North Commission		, Midland, Texas 7	9701	9
Summit	Energy, Inc.	112 N. 1st, Artesi , P. O. Box 1919,	la, New Midland	Mexico 88210 Texas 79702		
		. of Artesia, Arte				
Read 8	Stevens, Inc.	P. O. Box 1518, Ro	swell, 1	New Mexico 88201		
	· · · · · · · · · · · · · · · · · · ·					
		5 above notified and furni otember 25, 1980	shed a copy	of this application? YES_	X N	O If answer is yes, give
CERTIF	ICATE: I, the undersign	ned, state that I am the <u>Di</u>	vision 1	Prod. Manager of a	the <u>Th</u>	reshold Development.
Compa under my su	any pervision and direction :	_(company), and that I am and that the facts stated the	n authorized erein are tru	by said company to make the e, correct and complete to the	is report he best o	and that this report was prepared of my knowledge.
		ala da serrito de la companio de la La companio de la co	· · · · · · · · · · · · · · · · · · ·	on H	t.	in the second
			· · · · · · · · · · · · · · · · · · ·	O. V. Stuckey	Signoty	9
sion will h	old the application for a	period of twenty (20) days	from date	r administrative approval, the formission of seceipt by the Commission office, the application will	n's Sant	Mexico Oil Conservation Commis- a Fe office. If, after said twenty- processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protation unit in one or of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

Abutalc EXHIBIT NO. 2

CASE NO. 7017

Submitted by Conquest

Hearing Date 12 10 80

# THRESHOLD Development Co.

CONCCO 10 STATE COM #1 EDDY COUNTY, NEW MEXICO

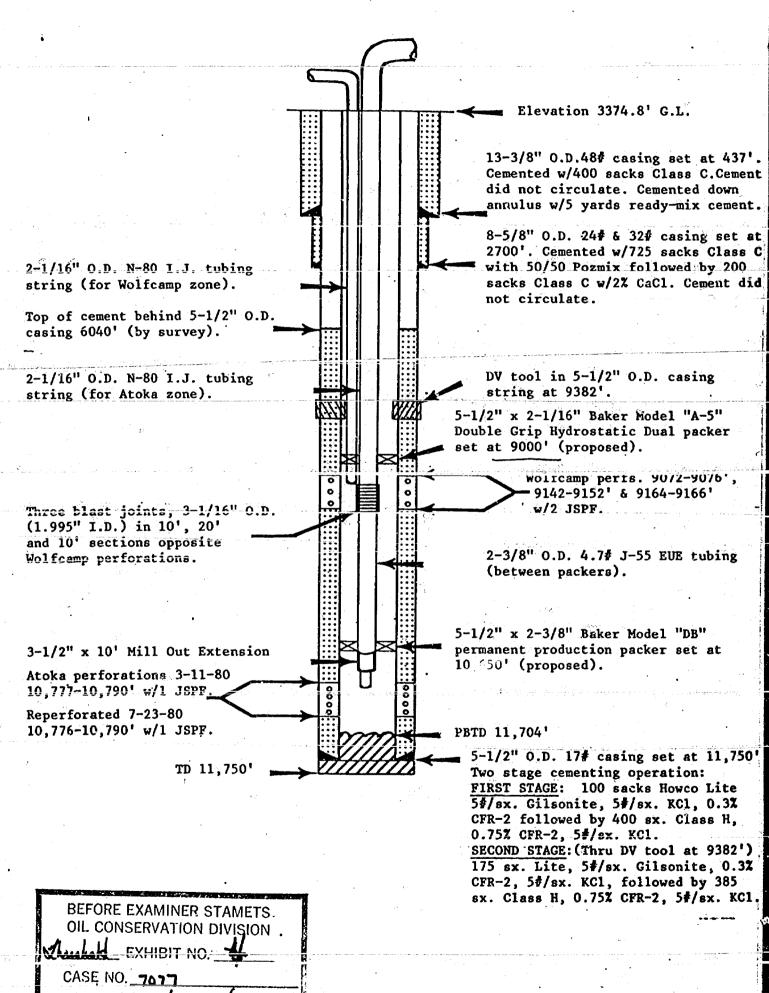
Schlumberger COMPENSATED NEUTRON-, FORMATION DENSITY						
COMPANY_THRESHOLD DEVELOPMENT COMPANY  WELL CONOCO STATE "10" #1  FIELD WILDCAT  COUNTY EDDY STATE NEW MEXICO						
CONO CONO CONO THE		SL & 660° FE		Other Services: DLL		
Permonent Datum: Log Measured From. Drilling Measured Fro	K.B.	; Ele- ,17Fr. Above	v.: 3375 Perm. Datum	Elev.: K.B. 3392 D.F. 3391 G.L. 3375		
Date Run No. Depth—Driller	2-6-80 ONE	Top Salt Yetrs	1300	(+ 2053) (+ 2053)		
Depth—Logger Bim. Log Interval Top Log Interval	11713 11710 1000	Bucen	9 600	(41/62) - (45/6)		
Casing—Logger Bit Size	Cosing-Driller 8 5/8 2700 Fst Rene Springs 7858 (-3/97)  Cosing-Logger 2696 Snd Bone Springs 7755 (-43/3)  Bit Size 7 7/8 3nd Bone Springs 8 388 (-4596)					
Type Fluid in Hole   SALT MUD   (DelCamp   \$592   -3707    Dens.   Visc.   10.9   33   † Ref   9018   -5756    pH   Fluid Loss   11   4.4ml   1 (Avrino ml   10015 ml   -323 ml  Source of Sample   CIRC   † Strang   10279   -(877)						
Rm @ Meas. Temp 063 @ 55 'F Atrig In 'F 10@92 b 'F C7@34 'F Rmf @ Meas. Temp 06 @ 60 'F M194 'F 11860 'F C7@48 'F Rmc @ Meas. Temp 10 @ 60 'F 1000@Marris 11@350 'F C7@48 'F						
Source: Rmf   Rmc   M   C						
Mox. Rec. Temp. 156 'F Atoka 'F 0566 'F - 17174'S  South Partie Description Alai Horney  Ad By DANIEL  And By Mr. PACE						

### DIAGRAMMATIC SKETCH OF DUAL COMPLETION

CONOCO "10" STATE COM NO. 1

UNIT I, SECTION 10, T19S, R29E

EDDY COUNTY, NEW MEXICO



Submitted by Can

Hearing Date 12

# BENNETT WIRE LINE SERVICE Artesia, New Mexico 88210

# SUBSURFACE PRESSURE MEASUREMENTS

COMPANYThreshold Development	WELL NAME CONOCO "10 State #1
DATE OF TEST 3-24-80 TO 3-27-80 LOCATION_	

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG 3#43798, 0-7,000 lb. Range & RPG 3#9526, 0-8,100 lb. Ranage TIME WELL SHUT IN 1400

TIME CLOCK STARTED 1120

DEAD WEIGHT ELEMENT ON SURFACE LBS. Well was flowed as element was run to test DEAD WEIGHT ELEMENT ON BOTTOM 1345 element was run to test DEAD WEIGHT ELEMENT ON BOTTOM 2.650 LBS. Flowing depth.

ELEMENT SET AT 10.783 FEET EMENT SET AT 10.783

Field-Turcky Track, Formation-Atoka

DATE	Motor	TIME	in/inches	CALCULATED PRESSURE Prig	CORRECTION P 8 PC Paig	CORRECTED PRESSURE Prio	PRESSURE AT MID-POINT OF PERFORATIONS PHIS
3-24-80	0	1345		3,578	On bott	OM	1
	1/4	1400		3,632	Shut We	11 In	
	1/2	1415		3.802			1
	3/4	1430		4,068			1
	1	1445		4,200			1
	11/4	1500		4,288		•	
	14	1515		4,342			
	1 3/4	1530		4,388		i	1
	2	1545		4,413		<del></del>	<del> </del>
	24	1615		4,441			
	3	1645	-2-	4,462	i	{	1
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# BER LINE SEF ICE

P. O. BOX 787 ARTESIA, NEW MEXICO 88210 Phone 746-3281

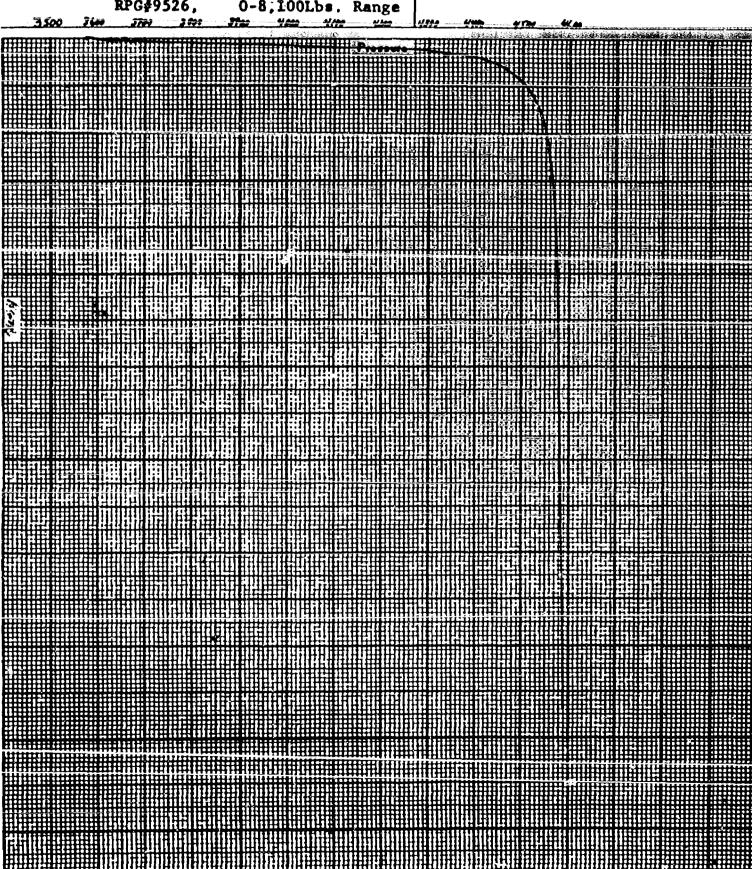


# BOTTOM HOLE PRESSURE SURVEY REPORT

THRESHOLD DEVELOPMENT CONOCO '10' STATE OPERATOR\_ LEASE . TURCKEY TRACK, WELL NO. ATOKA DATE 3-24-80 TIME 1345 HOURS STATUS Shut In TEST DEPTH 10.783 11400 LAST TEST DATE FIRST TEST
3x24-80 BHP LAST TEST TIME \$.11400 TUB. PRES. \_ BHP CHANGE ELEV. FLUID TOP WATER TOP DATUM . RUN BY B.J. CATHEY TEMP\_ CLUCK NO. . GAUGE NO. 0-7,000Lbs. Range 0-8,100Lbs. Range ELEMENT NO. RPG3#43798. RPG#9526,

DEPTH PRESSURE GRADIENT

72 HOUR BUILD UP TEST



	DST TEST DATA EXHIBIT #6
	16.1 Conoco State "10" #1 Date 1/10/80
	Field Undesignated County Eddy, N.M. Drilling Contractor Cactus Rig 48
	Costed By Halliburton Witnessed By Jack Anderson
	DST No. 3 Testing From 9045 to 9187 TD 9187
	Hud Wt 8.5 Viscosity 28 Water Loss Filter Cake
	Ph Clorides 5000 (ppm) Res .228 @ 67 of Nitrates none sx (ppm) W.C.
	Hole Size 7-7/8" Drill Pipe 4 "OD Full hole Thread
	Drill Collars 600 ' Of Length 6-1/4 "OD 2.25 "ID 4-1/2 XH Thread
	Surface Choke 3/8" Bottom Choke .75 @ 9016 '
	No.1 Packer - Size 6-3/4 Type NR Set At 9039
	No.2 Packer - Size 6-3/4 Type NR Set At 9045
	Jars - Make Big John Size 5" @ 9030 .
	Anchor - Length and Size 40° of 5-3/4" OD
	BHP Recorders At 9025 and 9183
	Stopped Drilling At 9187 'atll:45PM 1/9/80irc Hole 3 Hrs. POH 3-1/2 Hrs.
	(Time & Date) Tool Opened At 1600 (A.M.) (P.M.) Date 1/10/80
	Blow On Preflow Tool op w/ fair blo incr to good blo in 1" - op on 3/8" choke  @ 4 min w/ GTS in 14 min Blow On Final Flow Tool op w/ good blo gas throut  w/ max 39# press.
	Tool Open 5 Hrs. 45 Minutes
	Pressures: IHP 4057 psi FHP 4057 psi
	IFP 379 - 506 psi At 15 Min. FFP 585 - 1040 psi At 90 Min.
	ISIP 3302 psi At 60 Min. FSIP 3123 psi At 180 Min.
	4.019' sq. ft. gas Temp 183 °F At 9183 ' Sampler Recovery 1100cc @ 650 psi
	GC oil & FW (70% oil, 30% FW) Recovery: 3520' oil & formation wtr, 70% & 30% FW
	Recovered Fluid Analysis:
	Top Sample: Oil Above Tool 3520' Res @ OF Chlorides ppm Nitrates ppm
	Middle Sample: Above Tool 94 Pes. 6 or Chlorides23,000ppm Mitrates 0 ppm
(1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Buttom Sumple: Above Tool tool Res 195 @ 67 of Chlorides 23,000 ppm Nitrates 0 ppm
	Sampler: Res195 @ 67 OF Chlorides ppm Nitrates ppm
	REMARKS: Please note any unusual conditions during testing (i.e. sliding tool, etc.).  Pressure breakdown should be in Area Office by morning of the following work day  if at all possible.
	REMARKS: GTS in 14" into IFP, pressure fluctuated after 25 min into FFP, reversed out BHT 183°F.

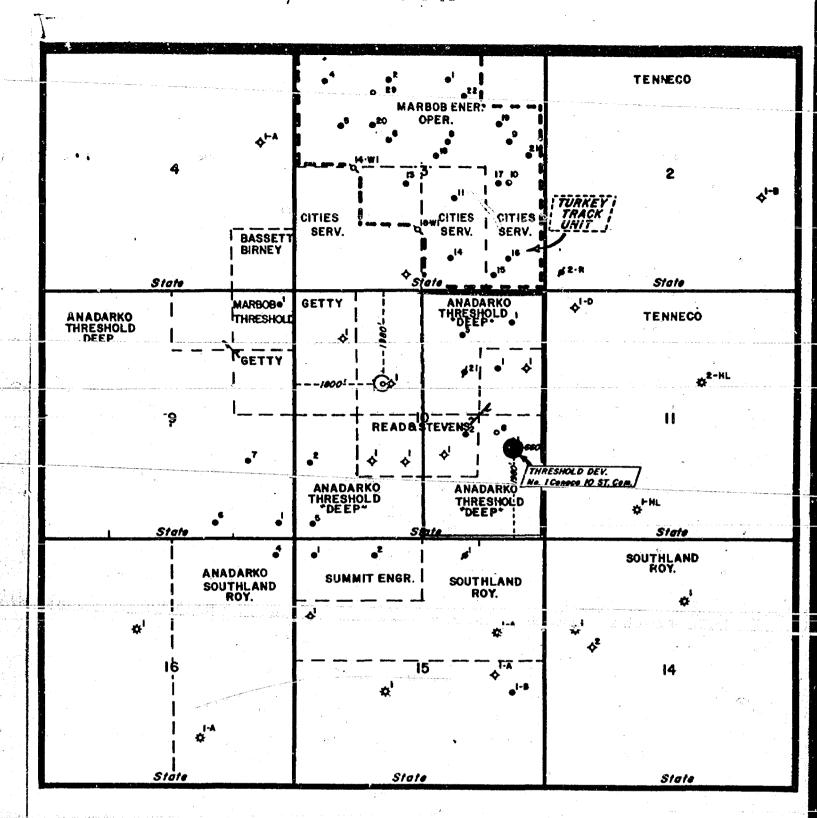
# NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

### EXHIBIT #1

<del></del>						
Operator Thres	shold Developm	ment Company	Count	y ldy	September	25 1980
Address		merre comparty	1.008		Well No.	23, 1900
1100	Gihls Tower West	, Midland, Tex.79	701   Con	oco "10" State Com	1	
Location Un	ı I	Section 10	Township	ıs	Range 29E	-
		<u> </u>	1,		_I	
	thin one mile of the sub		NO	ed the multiple completion of	a well in these same p	soois or in the same
_		ch instance: Order No.		; Operator Lease, an	d Well No.	••
.,	,	en materiet Order Hor		, operator Ecase, and	d ren non	
. The follo	wing facts are submitted	d: Upper Zone		Intermediate Zone		ower Zone
a. Name	of Pool and Formation	Undes.Turkey T	rack-Wol	ficamp .	Undes Turk	ey Track-Atoka
	nd Bottom of					
	Section	9072-9166'			10,776-10	<b>,</b> 790'
	rforations)	er en	· · · · · · · · · · · · · · · · · · ·			
<del></del>	of production (Oil or Gas	s) Oil		<del> </del>	Gas	
	d of Production owing or Artificial Lift)	Flowing			Flowi	na
	wing are attached. (Plea					
	wing are attached (1 ic.	as check 125 of No,				
Yes No	] • Diagrammaric Sk	etch of the Multiple Compl	ation show	ing all casing strings, includ	line diameters and sett	ing denths centrals
ے الم	izers and/or turb	olizers and location thereo	f, quantitie	s used and top of cement, per	rforated intervals, tubis	se strings, including
K		ALC: The second of the second		ers and side door chokes, and s ease, all offset wells on off		
		l leases offsetting applica		ease, an onset werrs on on	iket leases, and the ne	inco and addieses
				ach offset operator, or in lie	u thereof, evidence the	it said offset opera-
<b>X</b>	and the second of the second o	urnished copies of the app the well or other accepts		tops and bottoms of produc	ing zones and interval	s of perforation in-
	dicated thereon.	(If such log is not availabl	e at the tim	e application is filed it shall	l be submitted as provi	ded by Rule 112-A.)
List all	offset operators to the le	ease on which this well is	located tog	ether with their correct mailing	ng address.	
Getty	Oil Company, P.	O. Box 1231, Midla	and, Tex	as 79702		
Tennec	o Oil Co., 6800	Park Ten Blvd. Su	ite 200-	North, San Antonio,	Texas 78213	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
<u> Anadar</u>	ko Produccion G	aupauy, zůů N. Tairi	aine, Mi	<u>ūlaid. Texas 79707</u>	N. & S	71.7
Southi	and Royalty Comp	pany, 1100 Wall To	wer West	, Midland, Texas 7	9701	
					<del></del>	<del></del>
Cities	: Energy, Inc.	112 N. 1st, Artes , P. O. Box 1919,	la, New : Midland	Mex100 88210 .Texas 79702	*	•
		E. of Artesia, Arte				
		P. O. Box 1518, R			• •	
					· ·	
. Were all	operators listed in Item	5 above notified and furni	ished a cop)	of this application? YES_	X_NO If a	nswer is yes, give
	uch notification Ser	otember 25, 1980		•	4	•
	· · · · · · · · · · · · · · · · · · ·					<u> </u>
				Prod. Manager of t		
Compa	TIY	(company), and that I as	n authorized	d by said company to make this se, correct and complete to the	is report; and that this	report was prepared
onder my EU	herataton who direction t	wire that the tacts stated th	eiem etc m	Le, contest and complete to th	and the second	
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				10,1 Alm	chen_	
	Comment of the second of the s			O. V. Stuckey	Signature	
			2	or it occurred		

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protection unit in One ormore of the producing zone; then separate application for approval of the same should be filed simultaneously with this application.



BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

THRESHOLD EXHIBIT NO. 2

CASE NO. 7077

Submitted by 10 Ac

Hearing Date 12 10 Ac

# THRESHOLD Development Co.

CONOCO 10 STATE COM #1 EDDY COUNTY, NEW MEXICO

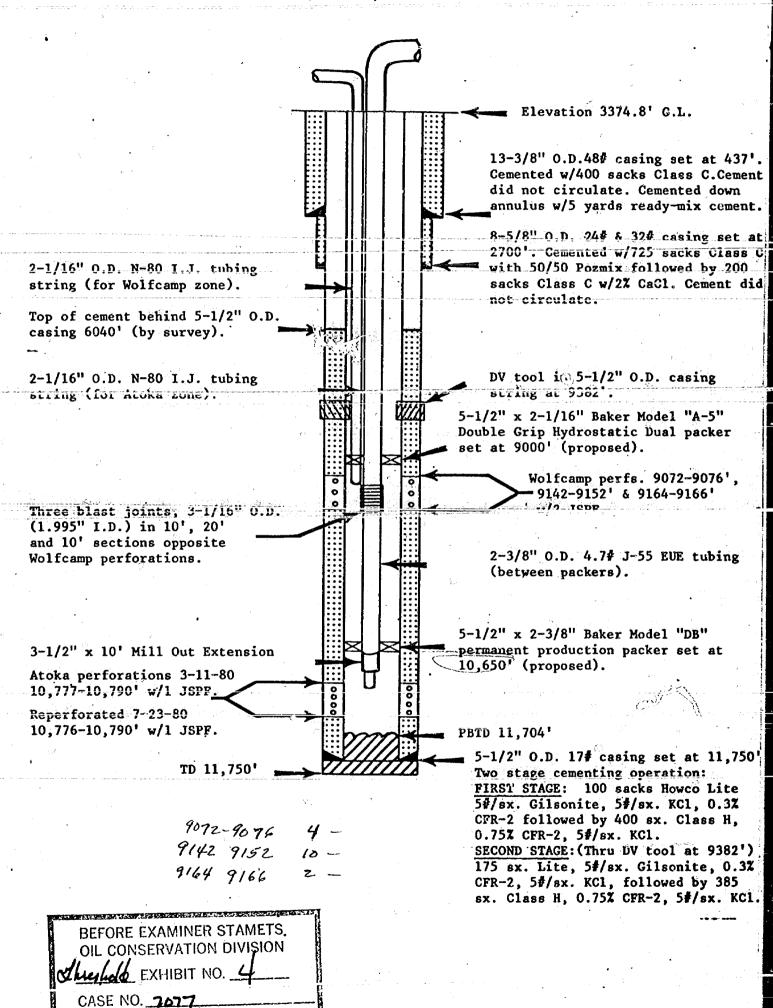
Loa Schlu	引つ mberger		SATED N ATION DE	EUTRON- Insity			
COMPANY_THRESHOLD DEVELOPMENT_COMPANY  WELL CONCCO STATE "10" 11  FIELD WILDCAT  COUNTY EDDY STATE NEW MEXICO  1 1980' PSL & 660' FEL.  Other Services:							
COUNTY FIELD LOCATION WELL CO	1980 PS	SL & 660' FE	L.	Other Services: DLL			
Permanent Datum: Log Measured From Drilling Measured From	K.B.	; Ele; Ele; Above	v.: 3375 Perm. Datum	Elev., K.B. 3392 D.F. 3391 G.L. 3375			
Pote Run No. Depth—Driller Depth—Logger Bim, Log Interval Top Log Interval	2-6-80 ONE 11750 11713 11710	Top Salt Vates Leen har Bucen Graphure	5230	(+333) (+365) (+1746) (+1162) - (+790)			
CosingDriller CosingLogger Bit Size Type Fluid in Hole Dens. Visc.	1000 8 5/6 2700 2696 7 7/8 SALT MUD 10.9 33	Snd Bone Spri 30d Bone Spri Walteams 1 Recor	9018	(3/Q() (-43/3) (-40/1) (-51/0)			
pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmf @ Meas. Temp. Rmc @ Meas. Temp. Source: Rmf   Rmc Rm @ BHT	M C	t Strawn ml t Strawn "F Atm@ In "F I puw@ Morrisi. Town @ Morrisi.	ــــــــــــــــــــــــــــــــــــــ	7 (2708) F			
Circulation Stopped Circulation Stopped Cogger on Bottom Max. Rec. Temp. Coujp. Location d By Led By Mr.	.023@156'f 2100 2-5 \ 0830 2-6 156 'f 8141 HOBBS DANIEL PACE	Aud & Cycle	10,564	" (-8216) " (-7/24)			

### DIAGRAMMATIC SKETCH OF DUAL COMPLETION

CONOCO "10" STATE COM NO. 1

UNIT 1, SECTION 10, T19S, R29E

EDDY COUNTY, NEW MEXICO



Submitted by \_\_\_Coro-

Hearing Date

## BENNETT WIRE LINE SERVICE Artesia, New Mexico 88210

# SUBSURFACE PRESSURE MEASUREMENTS

COMPANY Threshold Development	WELL NAME CONOCO "10 State #1
DATE OF TEST 3-24-80 TO 3-27-80 LOCATION	Mot 1 or 1

# CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

	The second secon	
ELEMENT NUMBER RPG 3#43798. 0-7.000 1b.	Range & RPG 3#9526, 0-8,100	1b. Ranag
TIME WELL SHUT IN 1400	<u>_</u>	
TIME CLOCK STARTED 1120		
TIME CLOCK STARTED 1120 DEAD WEIGHT ELEMENT ON SURFACE	LBS. Well was flowed	88
TIME ELEMENT REACHED BOTTOM 1345	element was run	to test
DEAD WEIGHT ELEMENT ON BOTTOM 2.650	LBS. Flowing depth.	The second secon
ELEMENT SET AT 10 783	FEET	

Field-Turcky Track, Formation-Atoka

PATE	Motir	TIME	DEFLECTION in/Inches	CALCULATED PRESSURE prig	CORRECTION PR PC PNO	CORRECTED PRESSURE prig	PRESSURE AT MID-POINT OF PERFORATIONS paig
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	1/4	1400		3,632	Shut We	II In	
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	3/4	1430		4,068			
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	11/4	1500		4,288			<del> </del>
	14	1515		4,342		·	-
	1 3/4	1530		4,388		<del></del>	1
	2	1545	<del></del>	4,413		<del></del>	<del>                                     </del>
	21/2	1615		4,441		<del></del>	
	1 3	1645		4,462			<del> </del>
	33	1715		4,473		•	
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	5	1845		4,509	70		<del> </del>
	53	1915	<del></del>	4,516		<del></del>	<del> </del>
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	84	2215		4,540			<del> </del> -
<del></del>	9	2245		4,544	<u> </u>	/	
	9%	2315	<del></del>	4,548		<del></del>	<del> </del>
	10	2345		4,550			
	111	2445		4,553		·	<b></b>
3- <u>25-80                                    </u>	12	0145		4,556		<del> </del>	<del> </del>
	13	0245		4,558		<del></del>	<b> </b>
	14	0345		4,562			<del> </del>
	15	0445	·	4,564		<u> </u>	<del> </del>
	-20	0945		4,572			<del> </del>
		1445		4,576			
	25	1945	<del>  _                                   </del>	4,580			<del> </del>
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3-26-80	40	0545		4,585			
	50	1545	<u> </u>	4,587			ļ
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	71 3/4	1330		4,590			ļ
Doed Wei	loht Aftar	71 3/4 Hous		3,469	Surface		<u> </u>



# BER IETT WIRE LINE SEF ICE

P. O. BOX 787 ARTESIA, NEW MEXICO 88210 Phone 746-3281



GRADIENT

## BOTTOM HOLE PRESSURE SURVEY REPORT

THRESHOLD DEVELOPMENT CONOCO "10" STATE OPERATOR . DEPTH PRESSURE LEASE. TURCKEY TRACK WELL NO. ATOKA 72 HOUR BUILD UP TEST DATE 3-24-80 TIME 1345 HOURS STATUS Shut In TEST DEPTH 10.783 TIME \$.11400 3x24-80 \_ LAST TEST DATE FIRST Test BHP LAST TEST\_ BHP CHANGE TUB. PRES. ELEV. FLUID TOP. WATER TOP DATUM. RUN BY B.J. CATHEY 2774 7700 4000 4/00

September 25, 1980

# NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

# EXHIBIT #1

County

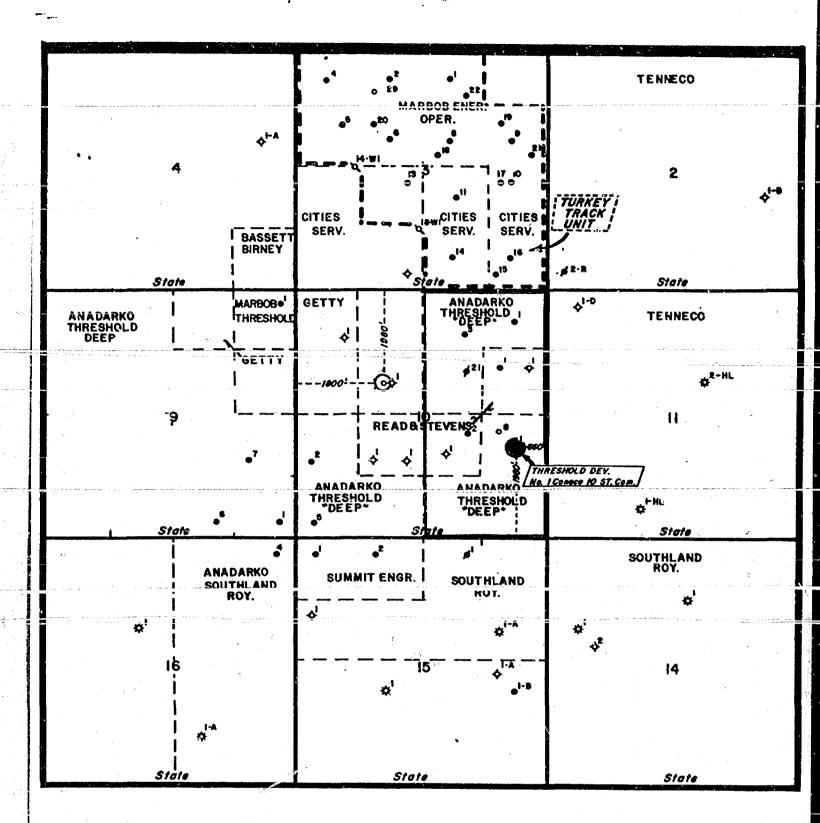
Eddy

Conoco "10" State Com

Threshold Development Company

1100 Gihls Tower West, Midland, Tex.79701

Has the New Mexico Oil Conservation Commission herecofore authorized the multiple completion of a well in these same pools of in zones within one mile of the subject well? YES NO X : Operator Lease, and Well No.:    If answer is yes, identify one such instance: Order No.	" Secti		1 ownship		Range		
2. If answer is yes, identify one such instance: Order No.	Ī	10	198		29F	3	
2. If answer is yes, identify one such instance: Order No.	New Mexico Oil Conservation	Commission heretofore	e authorized	the multiple completion of	a well in the	se same pools or in t	he same
The following facts are submitted:   Uppet						•	
1. The following facts are submitted:  2. Name of Pool and Formation  2. Name of Pool and Formation  3. Top and Bottom of  Pay Section  (Perforations)  2. Type of production (Oil or Gas)  3. Type of production (Oil or Gas)  4. Method of Production  (Flowing or Artificial Lift)  5. The following are attached, (Please check YES or NO)  7. The following are attached, (Please check YES or NO)	is yes, identify one such ins	tance: Order No		Operator Lease, an	d Well No.: _		
a. Name of Pool and Formation Uncles. Turkey Track-Wolfcomp Uncles. Turkey Track-Wolfcomp Uncles. Turkey Track b. Top and Bottom of Pay Section (Perforations) (Cerforations) (Type of production (Oil or Gas) (Type of production (Flowing or Artificial Lift) (Flowing (Flowing are attached. (Please check YES or NO)  Yes No  a. Diagrammatic Sketch of the Multiple Completion, showing nll casing strings, including diameters and setting depths izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, in including diameters and setting depth, location and type of packers and side door chokes, and such bet information as may be p    Description   Descripti					,		
a. Name of Pool and Formation Uncles. Turkey Track-Wolfcomp Uncles. Turkey Track-Wolfcomp Uncles. Turkey Track b. Top and Bottom of Pay Section (Perforations) (Cerforations) (Type of production (Oil or Gas) (Type of production (Flowing or Artificial Lift) (Flowing (Flowing are attached. (Please check YES or NO)  Yes No  a. Diagrammatic Sketch of the Multiple Completion, showing nll casing strings, including diameters and setting depths izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, in including diameters and setting depth, location and type of packers and side door chokes, and such bet information as may be p    Description   Descripti				. <del> </del>			
a. Name of Pool and Formation Undes. Turkey Track—Wolfcamp Undes. Turkey Track b. Top and Bottom of Pay Section 9072-9166 10,776-10,790 10,776	wing facts are submitted:		1				-
b. Top and Bottom of Pay Section (Petforations)  c. Type of production (Oil or Gas)  d. Method of Production (Flowing or Artificial Lift)  Flowing  f. The following are attached. (Please check YES or NO)  Yes   No	(Declaration of the later)				<del></del>		
Pay Section (Perforations)  c. Type of production (Oil or Gas)  d. Method of Production (Flowing or Artificial Lift)  flowing  f. The following are attached. (Please check YES or NO)  Yes   No   a. Diagrammatic Sketch of the Multiple Completion, showing nll casing strings, including diameters and setting depths, izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, idiameters and setting depth, location and type of packers and side door chokes, and such other information as may be p   b. Plat showing the location of all vells on applicant's lease.  c. Waiver's consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset toes have been furnished copies of the application.*  d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perfor dicated thereon. (If wich log is not available at the time application is filled it shall be submitted as provided by Rule and advanced thereon. (If wich log is not available at the time application is filled it shall be submitted as provided by Rule and advanced to the lease on which this well is located together with their correct mailing address.  Getty Oil Company, P. O. Box 1231, Midland, Texas 79702  Tenneco Oil Co. 6900 Beek Tell Blad. Cuita 200 North, Our autonity, Texas 70213  Anadarko Production Company, 200 N. Loraine, Midland, Texas 79701  Southland Royalty Company, 1100 Wall Tower World, Midland, Texas 79702  Marbob Energy Corp., E. of Artesia, Artesia, New Mexico 88210  Cities Service Company, P. O. Box 1518, Roswell, New Mexico 88210  Read & Stevens, Inc. P. O. Box 1518, Roswell, New Mexico 88201  CERTIFICATE: I, the undersigned, state that I am the Division Prod. Manager of the Threshold Development Company.  Certificate: I, the undersigned, state that I am the Division Prod. Manager of the Threshold Development Company.		maes. Turkey Tra	ack-world	:amp	Unde	es.Turkey Track	:-Atok
C. Type of production (Oil or Gas)  d. Method of Production  (Flowing or Artificial Lift)  Flowing  Test No  Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, idameters and setting depth location and type of packers and setting depth, location and type of packers and side door chokes, and such other information as may be present the string of production of all leases offsetting applicant's lease.  Description of all leases offsetting applicant's lease, all offset wells on offset leases, and the names and an of pockators of all leases offsetting applicant's lease.  Description of the well or other acceptable log with tops and bottoms of producing zones and intervals of performance of the company, P. O. Box 1231, Midland, Texas 79702  Tempero Oil Company, P. O. Box 1231, Midland, Texas 79702  Tempero Oil Company, P. O. Box 1231, Midland, Texas 79702  Tempero Oil Company, P. O. Box 1231, Midland, Texas 79701  Southland Royalty Company, P. O. Box 1919, Midland, Texas 79701  Summit Energy, Inc. 112 N. 1st, Artesia, New Mexico 88210  Cities Service Company, P. O. Box 1919, Midland, Texas 79702  Marbob Energy Corp., E. of Artesia, Artesia, New Mexico 88210  Read & Stevens, Inc. P. O. Box 1518, Roswell, New Mexico 88201  Certificate: I, the undersigned, state that I am the Division Prod. Manager of the Threshold Development Company (company), and that I am authorized by said company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that this report was company to make this report; and that	i i	0072-01661		•	110	776-10 7001	• •
c. Type of production (Oil or Gas)  d. Method of Production (Flowing or Artificial Lift)  Flowing  f. The following are attached. (Please check YES or NO)  Yes   No   a. Diagrammatic Sketch of the Multiple Completion, showing fill casing strings, including diameters and setting depths izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, it diameters and setting depth, location and type of packers and side door chokes, and such other information as may be poor in the poor of all leases offsetting applicant's lease.		3012-3100			1.10	,770-10,790	
d. Method of Production (Flowing or Artificial Lift)  flowing f. The following are attached. (Please check YES or NO)  Yes   No		Oil		AND THE RESERVE OF THE PERSON		Cac	
(Flowing or Artificial Lift)   Flowing   Flowing   Flowing    6. The following are attached. (Please check YES or NO)  Yes   No	<del></del>		-				<del></del>
A. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths izers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, idiameters and setting depth, location and type of packers and side door chokes, and such other information as may be p in the string showing the location of all wells on applicant's lease, all offset wells on olfset leases, and the names and a of operators of all leases offsetting applicant's lease.  C. Waiver's consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset tosts have been funnished copies of the application.  C. Waiver's consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset one shows the state of the same showing the lease of the said offset operators to the lease on which this well is located together with their correct mailing address.  Getty Oil Company, P. O. Box 1231, Midland, Texas 79702  Tenneco Oil Co. 6900 Boxt. The Blad. Cuite 200 North, Southandian, Texas 79701  Southland Royalty Company, 1100 Wall Tower Wost, Midland, Texas 79701  Southland Royalty Company, 1100 Wall Tower Wost, Midland, Texas 79702  Marbob Energy, Inc. 112 N. 1st, Artesia, New Mexico 88210  Cities Service Company, P. O. Box 1919, Midland, Texas 79702  Marbob Energy Corp., E. of Artesia, Artesia, New Mexico 88210  Read & Stevens, Inc. P. O. Box 1518, Roswell, New Mexico 88201  CERTIFICATE: I, the undersigned, state that I am the Division Prod. Manager of the Threshold Development Company.  Geometry, and that I am authorized by said company to make this report; and that this report westerned.	A	Flowing			6 J	Flowing	
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Company (company), and that I am authorized by said company to make this report; and that this report was	CATE: I, the undersigned, s	tate that I am the <u>Div</u>	vision Pr	od. Manager of	the Thresh	nold Developmen	<u>it</u>
and an amountaine and direction and that the facts stated therein are true correct and complete to the best of my knowledge.	ny(co	mpany), and that I am	authorized b	y said company to make th	is report; and	that this report was	bich <del>zie</del> g
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OV Stuckey Signary		en e		17, 1, 17,000	Signatura		<del></del>
				st as Demewel.	···		_
Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation	vers from all offset operators	not accompany an app	lication for	administrative approval, t	re New Mexi	co Oil Conservation	Commis-
sion will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.	no protest nor request for he	ra of twenty (20) days caring is received by th	pom date of he Santa Fe	ffice, the application will	then be proc	essed.	
		-					
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protation unit in One Orm the producing zones, then separate application for approval of the same should be filed simultaneously with this application.	e proposed multiple completi	on will result in an un-	orthodox wel	I location and/or a non-s	andard prora	tion unit in One oum	ore of



BEFORE EXAMINER STAMETS OIL CONSERVATION DIVISION
WESHOLD EXHIBIT NO. 2
CASE NO. <b>7077</b>
Submitted by Oovers
Hearing Date 12 10 80

# THRESHOLD Development Co.

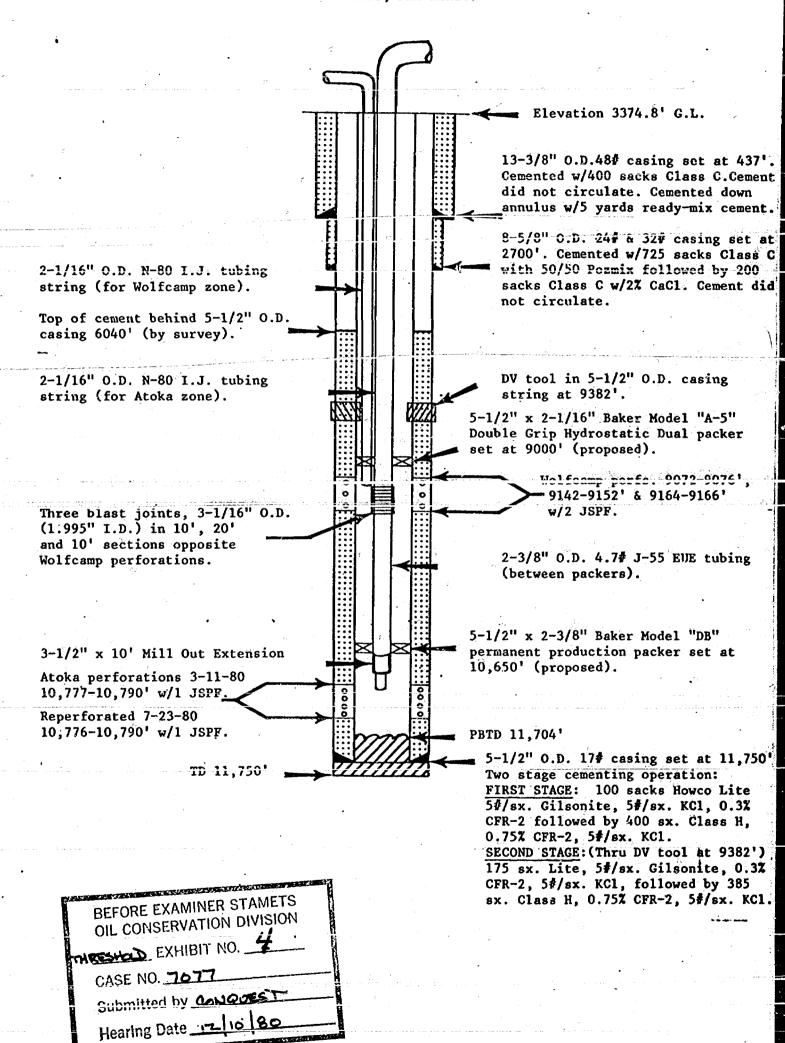
CONOCO 10 STATE COM #1
EDDY COUNTY, NEW MEXICO

### DIAGRAMMATIC SKETCH OF DUAL COMPLETION

CONOCO "10" STATE COM NO. 1

UNIT I, SECTION 10, T19S, R29E

EDDY COUNTY, NEW MEXICO



# BENNETT WIRE LINE BERVICE Arteals, New Mexico 88210 SUBSURFACE PRESSURE MEASUREMENTS

COMPANY Threshold Development WELL NO DATE OF TELT 3-24-80 TO 3-27-80 LOCATION	AME Conoco "10 State #1 MOE 1 O' 1
CHART READINGS AND CALCULATIONS FO	OR BUILDUP OR DRAWDOWN TEST
ELEMENT NUMBER RPG 3#43798. 0-7.000 1b. TIME WELL SHUT IN 1400	Range & RPG 3#9526, 0-8,100 1b. Ranage
TIME CLOCK STARTED 1120	LBS. Well was flowed as
TIME ELEMENT REACHED BOTTOM 1345	element was run to test LBS. Flowing depth.
ELEMENT SET AT 10.783	FEET

TILE DUDGILL	ICHAOILED D	V	1343
DEAD WEIGHT	ELEMENT ON	BOTTOH	2.650
ELEMENT SET A	\T 10.		
Field-Turc	ky Track,	Formatio	n-Atoka

DATE	And it	TIME	DRFLECTION in/Inches	CALCULATED PRESSURE Prig	CORRECTION P 1 PC paig	CORRECTED PRESSURE Prie	PRESSURE AT MID-POINT O PERFORATION PAIR
3-24-80	0	1345		3,578	On bot		
	1_1/4	1400		3,632	Shut We	II In	. <b>.</b>
	1/2	1415		3,802			
	3/4	1430		4,068			
	1 1	1445		4,200			<del>                                     </del>
2 -	11/4	1500		4,288		7	1
	14	1515		4,342			1
	1 3/4	1530		4,388		· · · · · · · · · · · · · · · · · · ·	
	2	1545		4,413			<del> </del>
	23	1615		4,441			
	1 3	1645		4.462			
	33	1715		4,473		,	<del> </del>
	4	1745	<del> </del>	4.487	l		
<del></del>	41	1815		4,498		<del></del>	<del> </del>
	5	1845		4,509		·	<del> </del>
	5%	1915	- <del> </del>	4,516			<del> </del>
		1945		4,523			<del> </del>
	6	2015	<del></del>	4,526		<del></del>	<del> </del>
	61/4	2015	<del></del>	4,530		·	<del> </del>
<u> </u>				4,533		- 17.000 p. p. 1000 p. 1	<del> </del>
<del></del>	73	2115		4,537			<u></u>
<del></del>	8	2145 2215		4,540			
·	8%	2245		4,544		<del></del>	<del> </del>
	9	2243		4,548			<del> </del>
	93	2315		4,540			ļ
<del></del>	10	2345		4,550			<b> </b>
3-25-80	11	2445		4,553			
	12	0145		4,556			
	13	0245		4,558			<b> </b>
	14	0345		4,562			<u> </u>
	15	0445		4,564			ļ
	-20	0945		4,572	]		ļ
	25	1445	<u>. Į                                     </u>	4,576			<u> </u>
	30	1945		4,580			1
3-26-80	40	0545 1545	्र १	4,583			
	50	1545		4,585			
3-27-80	60	0145		4,587			
	70	_1145		4,588			
	7 <u>1</u>	1245		4,590	···		
	71 3/4	1330		4,590	<u> </u>		
Dood Wat		71 3/4 Ho		3,469	Surface		1

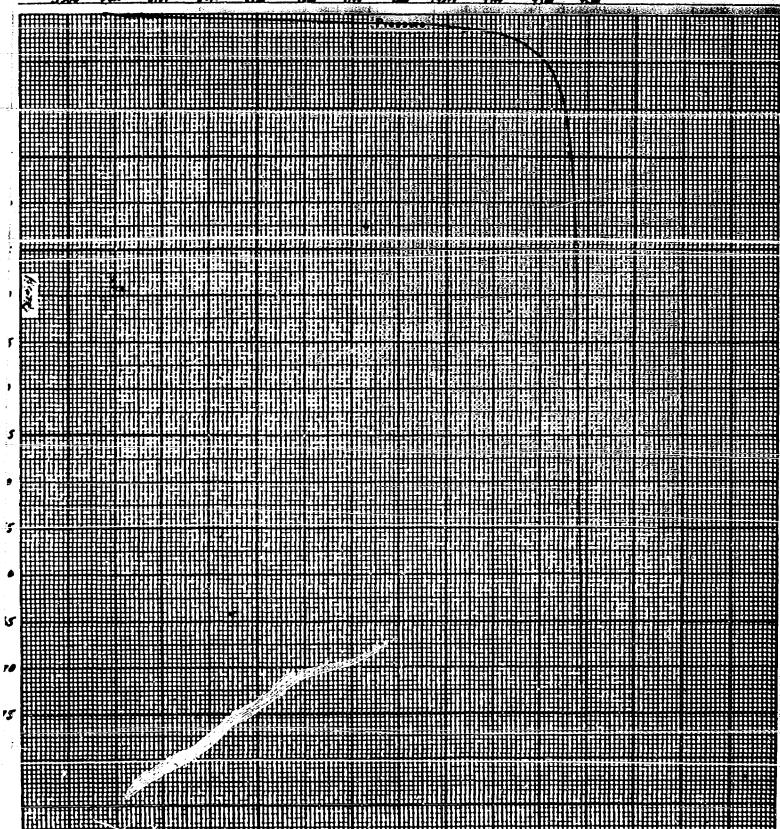


# BEI IETT WIRE LINE SEF ICE P. O. BOX 787 ARTESIA, NEW MEXICO 88210 Phone 748-3281 EX



## BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR THRESHOLD DEVELOPMENT LEASE CONOCO 10 STATE	DEPTH	PRESSURE	GRADIENT
FIELD TURCKEY TRACK, ATOKA DATE 3-24-80 TIME 1345 HOURS	72 HOUR	BUILD UP TEST	•
TATUS Shut In TEST DEPTH 10.783 THE S.11400 LAST TEST DATE FIRST TEST  3,24-80 BHP LAST TEST			
UB. PRES BHP CHANGE LEV FLUID TOP			
ATUM WATER TOP			
RPG#9526, 0-8,100Lbs. Range			
3500 160 1700 1800 1800 4000 4100 4100 4100 4100 41	er von va	Mar.	Later Contract



DST TEST DATA EXHIBIT #6	
He 1 Conoco State "10" #1 Date 1/10/80	_
Field Undesignated County Eddy, N.M. Drilling Contractor Cactus Rig 48	
Tested By Halliburton Witnessed By Jack Anderson	
DST No. 3 Testing From 9045 to 9187 TD 9187	<u>.</u>
Mud Wt 8.5 Viscosity 28 Water Loss Filter Cake	
Ph Clorides 5000 (ppm) Res .228 @ 67 OF Nitrates none sx (ppm) W.C.	•
Hole Size 7-7/8" Drill Pipe 4 "OD Full hole Thread	
Drill Collars 600 Of Length 6-1/4 "OD 2.25 "ID 4-1/2 XH Three	d
Surface Choke 3/8" Bottom Choke .75 @ 9016	
No.1 Packer - Size 6-3/4 Type NR Set At 9039	
Ho.2 Packer - Size 6-3/4 Type NR Set At 9045	
Jars - Make Big John Size 5" @ 9030 '	
Anchor - Length and Size 40' of 5-3/4" OD	
BHP Recorders At 9025 and 9183	
Stopped Drilling At 9187 * atll:45PM 1/9/80irc Hole 3 Hrs. POH 3-1/2 Hrs. (Time & Date)	<b>.</b>
Tool Opened At 1600 (A.M.) (P.M.) Date 1/10/80	_
Blow On Preflow Tool op w/ fair blo incr to good blo in 1" - op on 3/8" choke @ 4 min w/ GTS in 14 min Blow On Final Flow Tool op w/ good blo gas throu w/ max 39# press.	Ē
Tool Open 5 Hrs. 45 Minutes	-
Pressures: IHP 4057 psi FHP 4057 psi	
IFP 379 - 506 psi At 15 Min. FFP 585 - 1040 psi At 90 Min	• .
ISIP 3302 psi At 60 Min. FSIP 3123 psi At 180 Min. 4.019' sq. ft. gas	
Temp 183 of At 9183 Sampler Recovery 1100cc 6 650 psi  GC oil & FW (70% oil, 30% FW)	
Recovery: 3520' oil & formation wtr, 70% & 30% FW	
	_
Recovered Fluid Analysis:	
Top Sample: Oil Above Tool 3520 Res. @ F Chlorides ppm Nitrates pp	
Middle Sample: Above Tool 94 Res. @ OF Chlorides 23,000 ppm Nitrates 0 pp	
Buttom Sample: Above Tool tool Res 195 @ 67 or Chlorides 23,000 ppm Nitrates 0 pp	<b>I</b>
Sampler: Res195 @67 of Chloridesppm Nitratespp	m
REMARKS: Please note any unusual conditions during testing (i.e. sliding tool, etc.).  Pressure breakdown should be in Area Office by morning of the following work day  if at all possible.	
REMARKS: GTS in 14" into IFP, pressure fluctuated after 25 min into FFP, reversed out BHT 183°F.	-

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Dockets Nos. 42-80 and 43-80 are tentatively set for December 30, 1980 and January 14, 1981. Applications for hearing must be filed at least 22 days in advance of hearing date.

### DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 10, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1981, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for January, 1981, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 7095: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Bill G. Isler, United States Fidelity and Guranty Company, and all other interested parties to appear and show cause why the Spears State Well No. 2 in Unit B of Section 28, Township 11 South, Range 27 East, Chaves County, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 7096: Application of Read & Stevens, Inc. for a unit agreement, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the North Baum Unit Area, comprising 637 acres more or less, of State lands in Township 13 South, Ranges 32 and 33 East.
- CASE 7097: Application of Mesa Petroleum Co. for a unit agreement, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the Jackson Unit Area, comprising 2,560 acres, more or less, of State lands in Township 24 South, Range 33 East.
- CASE 7098: Application of The Wiser Oil Company for a dual completion, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the dual completion of its McQuatters Well

  No. 4 located in Unit G of Section 11, Township 21 South, Range 36 East, to produce oil from the
  Oil Center-Glorieta and Hardy-Drinkard Pools through parallel strings of tubing.
- CASE 7077: (Continued from November 25, 1980, Examiner Hearing)

Application of Threshold Development Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Conoco "10" State Com Well No. 1 located in Unit I of Section 10, Township 19 South, Range 29 East, Turkey Track Field, to produce oil from the Wolfcamp formation and gas from the Atoka formation through parallel strings of tubing.

CASE 7089: (Continued from November 25, 1980, Examiner Hearing)

Application of Summit Energy, Inc. for a waterflood project, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the blinebty formation through its Culf Bunin Well No. 2 located in Unit C of Section 13, Township 21 South, Range 37 East.

- CASE 7099: Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico.

  Applicant, in the above-styled cause, scaks approval for the Duncan Unit Area, comprising 7,679 acres, more or less, of State, Federal, and fee lands in Townships 13 and 14 South, Range 35 East.
- CASE 7100: Application of Harvey E. Yates Company for downhole commingling, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of Atoka and

  Horrow production in the wellbore of its Travis 24 State Com Well No. 1 in Unit H of Section 24,

  Township 18 South, Range 28 East.
- CASE 7101: Application of Consolidated Oil & Gas, Inc. for downhole commingling, Rio Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of Gallup and
  Basin-Dakota production in the wellbore of its Tribal "C" Well No. 4-E in Unit H of Section 6,
  Township 26 North, Range 3 West.
- CASE 7102: Application of Consolidated Oil & Gas, Inc. for approval of infill drilling and an exception to Rule 9(E) of Order No. R-1670-T, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks a finding that the drilling of its Jacquez Well No. 2 to be located in Unit K of Section 2, Township 31 North, Range 13 West, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the two existing wells on the unit. Applicant further seeks an exception to Rule 9(E) of Division Order No. R-1670-T to permit calculating the proration unit's allowable on the basis of three Mesaverde wells on the unit.

MR. STAMETS: Call next Case 7077. MR. PADILLA: Application of Threshold Development Company for a dual completion, Eddy County, New Mexico. MR. STAMETS: At the request of the operator this case will be continued to the November 25th Examiner Hearing. (Hearing concluded.) 

CERTIFICATE

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193-B fexico 87501 455-7419

Rt. 1 Box 193 Santa Fe, New Mexis Phone (505) 455-

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I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Snew W. Boyd C.s.R.

I do hereby carlify that the foresting is a complete reard of the propositings in the Examiner hearing of Cesa No. 2002.

Oil Conservation Division

CASE

7077

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 12 November 1980 EXAMINER HEARING IN THE MATTER OF: Application of Threshold Development Company for a dual completion, ) Eddy County, New Mexico. BEFORE: Richard L. Stamets 12 TRANSCRIPT-OF HEARING <u>.</u> 13 APPEARANCES 16 For the Oil Conservation Ernest L. Padilla, Esq. Legal Counsel to the Division Division: State Land Office Bldg. 18 Santa Fe, New Mexico 87501 19 20 For the Applicant: 21

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MR. STAMETS: Call next Case 7077. MR. PADILLA: Application of Threshold Development Company for a dual completion, Eddy County, New Mexico. MR. STAMETS: At the request of the operator this case will be continued to the November 25th Examiner Hearing. (Hearing concluded.) 

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CERTIFICATE

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Phone (305) 452-450 Phone (305) 452-450 12

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I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

I do hereby certify that the foregoing is a complete error of the promotions in the fixed hor individual of Case 40.

the Examinor matring of Case 119.

\_, Examiner

Oil Conservation Division

Dockets Nos. 40-80 and 41-80 are tentatively set for December 10 and 30, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

### DOCKET: COMMISSION HEARING - TUESDAY - NOVEMBER 18, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 7088: Application of Southern Union Exploration Co. for reconsideration of Division Order No. R-6175, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks (a) that Order No. R-6175 be set aside, or (b) to except the E/2 of Section 32, Township 25 South, Range 24 East, Eddy County, New Mexico, from the terms of said order, or (c) clarify said order with respect to the E/2 of Section 32, Township 25 South, Range 24 East.

Docket No. 38-80

DOCKET: COMMISSION HEARING - MONDAY - NOVEMBER 24, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 7075: (Continued and Readvertised)

Application of Benson-Montin-Greer Drilling Corporation for the amendment of pool rules, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of the Special Rules and Regulations for the West Puerto Chiquito-Mancos Uil Pool as promulgated by Order No. R-2565-B and amended by Order No. R-6469, to require that wells completed or recompleted on standard units in said pool be located in the west half of the section at least 1650 feet from the outer boundary of the spacing and proration unit, and that the drilling of wells be controlled so as to allow no more than a 330-foot horizontal deviation from the surface location. Further, that the location of wells on certain specified non-standard proration units approved by Order no. R-6409 should be no closer than 650 feet to the outer boundary of the non-standard unit nor closer than 330 feet to a quarter section line or 10 feet to a quarter quarter section line. Said specified non-standard units are the two 640-acre units in Township 24 North, Range 1 West; the two 480-acre units in Township 24 North, Range 1 East; the four 640-acre units in Township 26 North, Range 1 East; the four 640-acre units, the three 600-acre units, and the 400-acre unit, all in Township 27 North, Range 1 West. Applicant further seeks an administrative procedure whereby unorthodox locations could be approved upon receipt of written waivers from all offsetting operators being "crowded" by the unorthodox location.

Decket Ho. 39-80

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### DOCKET: EXAMINER HEARING - TUESDAY - NOVEMBER 25, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 7055: (Continued from October 29, 1980, Examiner Hearing)

Application of Union Oil Company of California for a unit agreement, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the Eaves-Lea Unit Area, comprising 2209

acres, more or less, of State and Federal lands in Township 21 South, Ranges 32 and 33 East.

CASE 7077: (Continued from November 12, 1980, Examiner Hearing)

Application of Threshold Development Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Conoco "10" State Com Well No. 1 located in Unit I of Section 10, Township 19 South, Range 29 East, Turkey Track Field, to produce oil from the Wolfcamp formation and gas from the Atoka formation through parallel strings of tubing.

# Threshold Development Company

September 25, 1980

Re: Administrative Approval of Dual
Completion Application for Wolfcamp
(Oil) and Atoka (Gas)
TDC's Conoco "10" State Com No. 1
Unit I, Sec. 10, T19S, R29E, NMPM
Undesignated Turkey Track Fields
Eddy County, New Mexico

Oil Conservation Division (2) State of New Mexico, Box 2088 State Land Office Building Santa Fe, New Mexico 87501

Oil Conservation Division (2)
District II Office
P. O. Drawer DD
Artesia, New Mexico 88210

Attn: Mr. Joe D. Ramey

Attn: Mr. W. A. Gressett

Gentlemen:

Case 7077

Threshold Development Company respectfully requests administrative approval of the subject application for dual completion in the Wolfcamp Oil and Atoka Gas Zones.

Attached are: (1) Diagrammatic Sketch of the Proposed Installation, (2) Flat of the Lease and Offsetting Operators, (3) Log or the well with producing zones and intervals of perforations marked and (4) Form C-107.

Offset operators (indicated on Form C-107) are being hereby notified of this application by copy of this letter with attached Form C-107, plat, and diagrammatic sketch.

If there are further data required or additional questions, please contact the undersigned via telephone.

Yours very truly,

O. V. Stuckey

Division Production Manager

OVS/pr

Attachments

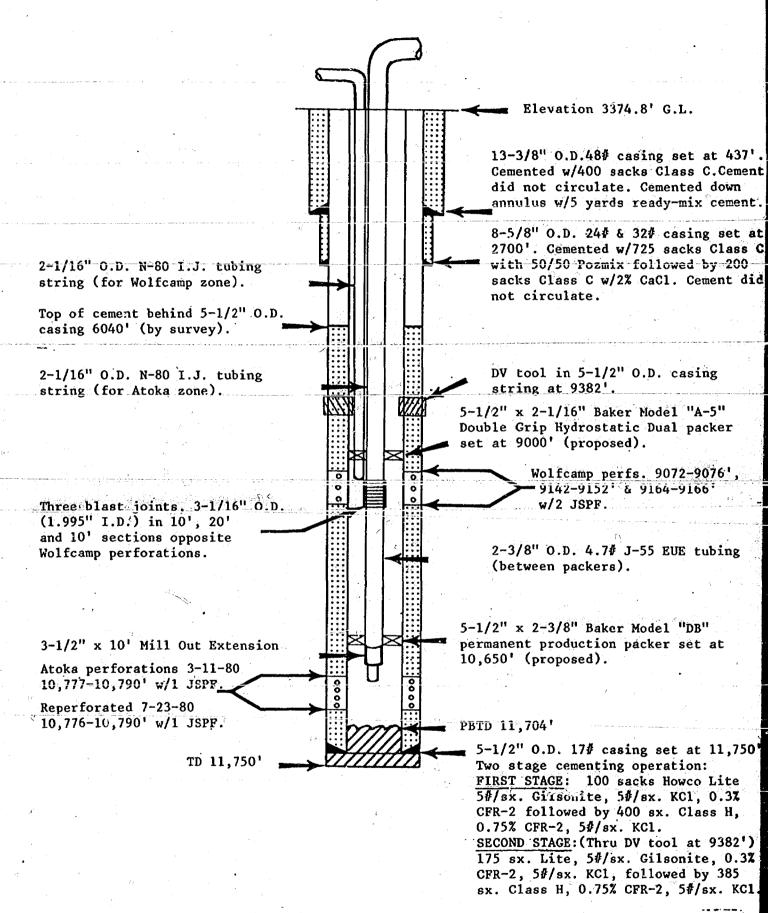
1100 Gihls Tower West ● Midland, Texas 79701 ● Telephone: (915) 682-5640

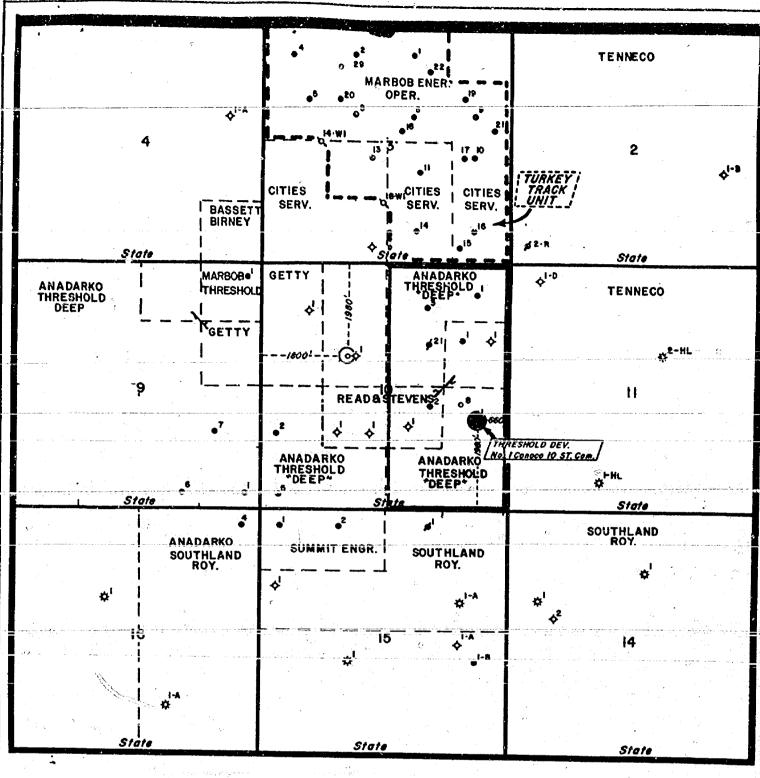
### DIAGRAMMATIC SKETCH OF DUAL COMPLETION

CONOCO "10" STATE COM NO. 1

UNIT I, SECTION 10, T198, R29E

EDDY COUNTY, NEW MEXICO





# NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-81

				C.L.co	SEP 2 9 1980
Operator Threshold Developm	ent Company	County	dy	Date S	eptember 25, 1980
Address — 1100 Gihls Tower West	Midland Tov 70	Lease	co "10" State C	Well	
Location Unit	Section	Township	co 10 State C	Range	~
of Well I	10	198	3		29E .
<ol> <li>Has the New Mexico Oil Conserved zones within one mile of the subject.</li> <li>If answer is yes, identify one successions.</li> </ol>	ect well? YES	NO			
3. The following facts are submitted	Upper Zone,		Intermediate Zone		Lower Zone
a. Name of Pool and Formation	Undes Turkey T	rack-Wolf	camp		Undes.Turkey Track-Atok
b. Top and Bottom of Pay Section	9072-9166		• > .	i :	10,776-10,790'
c. Type of production (Oil or Gas	Oil	<u> </u>			Gas
d. Method of Production	Flowing			····	Flowing
(Flowing or Artificial Lift) 4. The following are attached. (Plea					Tiowing
b. Plat showing the of operators of all c. Waivers consenting tors have been full.	ting depth, location and to location of all wells on a leases offsetting applica ig to such multiple compl rnished copies of the app the well or other accepta	ype of packer pplicant's le nt's lease. etion from ea plication.* ble log with	s and side door chokes, a ase, all offset wells o ach offset operator, or in tops and bottoms of pr	and such oil n offset les n lieu there oducing zo	I intervals, tubing strings, including per information as may be pertinent. ases, and the names and addresses of, evidence that said offset operanes and intervals of perforation instituted as provided by Rule 112-A.)
5. List all offset operators to the le Getty Oil Company, P.	ase on which this well is	located toge	ther with their correct n	C.	
Tenneco Oil Co., 6800 Anadarko Production Co	mpany, 200 N. Lora	aine, Mid	lland, Texas 79	701	as 78213
Southland Royalty Comp	any, 1100 Wall lo	wer West,	Midland, Texas	79701	
Summit Energy, Inc. Cities Service Company	112 N. 1st, Artes , P. O. Box 1919,				
Marbob Energy Corp., E Read & Stevens, Inc.	. of Artesia, Arte P. O. Box 1518, R	•		1	
			ε,		
6. Were all operators listed in Item date of such notification Sep	5 above notified and furnitember 25, 1980	ished a copy	of this application?	YES_X	NO If answer is yes, give
CURTIFICATE: I, the undersign		m authorized	by said company to mak	e this repo	rt; and that this report was prepared

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

# Threshold Development Company P 29 1980 September 25, 1980 CIL CONS TATION DIVISION SANTA I E

Re: Administrative Approval of Dual
Completion Application for Wolfcamp
(Oil) and Atoka (Gas)
TDC's Conoco "10" State Com No. 1
Unit I, Sec. 10, T19S, R29E, NMPM
Undesignated Turkey Track Fields
Eddy County, New Mexico

Oil Conservation Division (2) State of New Mexico, Box 2088 State Land Office Building Santa Fe, New Mexico 87501

Oil Conservation Division (2) District II Office P. O. Drawer DD Artesia, New Mexico 88210

Attn: Mr. Joe D. Ramey

Attn: Mr. W. A. Gressett

Gentlemen:

Case 7077

Threshold Development Company respectfully requests administrative approval of the subject application for dual completion in the Wolfcamp Oil and Atoka Gas Zones.

Attached are: (1) Diagrammatic Sketch of the Proposed Installation, (2) Plat of the Lease and Offsetting Operators, (3) Log of the well with producing zones and intervals of perforations marked and (4) Form C-107.

Offset operators (indicated on Form C-107) are being hereby notified of this application by copy of this letter with attached Form C-107, plat, and diagrammatic sketch.

If there are further data required or additional questions, please contact the undersigned via telephone.

Yours very truly,

O. V. Stuckey

Division Production Manager

OVS/pr

Attachments

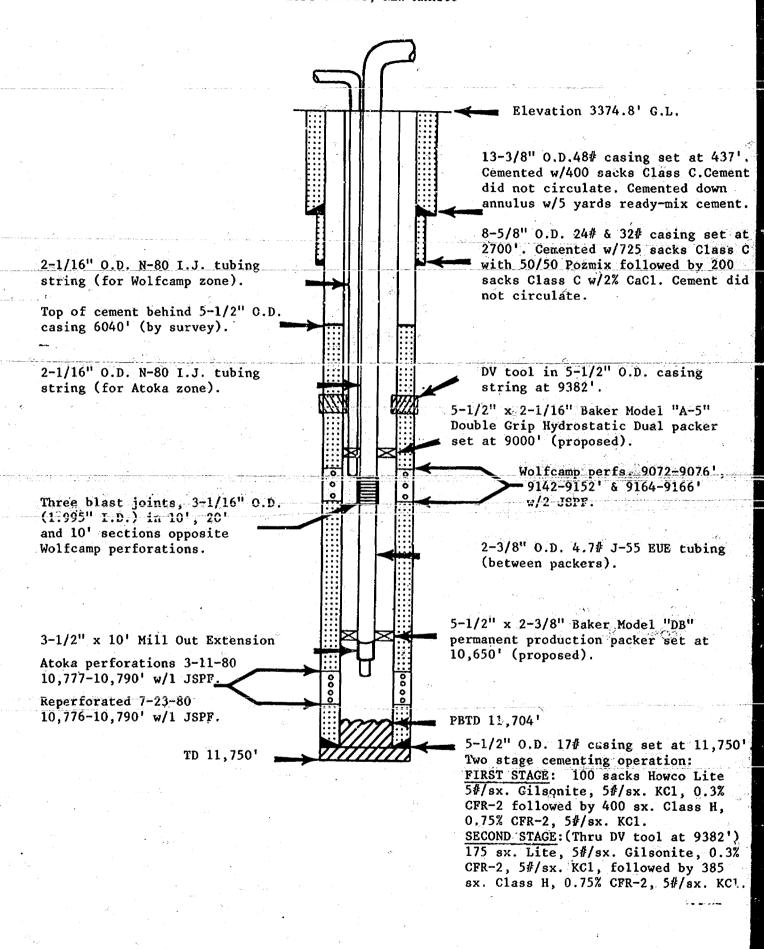
1100 Gihls Tower West • Midland, Texas 79701 • Telephone: (915) 682-5640

### DIAGRA: MATIC SKETCH OF DUAL COMPLETION

CONOCO "10" STATE COM NO. 1

UNIT I, SECTION 10, T19S, R29E

EDDY COUNTY, NEW MEXICO



# NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

-	CIIVED	107
	SEP 2 9 1980	

10	19S authorized the mult	" State Com	September 25, 1980  September 25, 1980  For a september 25, 1980  September 25, 1980  Well in these same pools or in the same  Well No.:
Midland, Tex. 7970  10  on Commission heretofore well? YES	Conoco "10 Township 19S authorized the mult	" State Com	September 25, 1980  Vell No.  1  Range 29E  well in these same pools or in the same
10 on Commission heretofore well? YES_nstance: Order No	Conoco "10  Comoco "10  Companip  198  authorized the mult  NOX	" State Com	1 29E well in these same pools or in the same
10 on Commission heretofore well? YES_nstance: Order No	19S authorized the mult	iple completion of a	29E well in these same pools or in the same
n Commission heretofore well? YES	19S e authorized the mult	iple completion of a	29E well in these same pools or in the same
on Commission heretofore well? YES	authorized the mult	- 1.00m cm c	well in these same pools or in the same
well? YESnstance: Order NoUpper	NOX	- 1.00m cm c	
nstance: Order No		Operator Lease, and V	Vell No.:
Zone	i i	Intermediate	Lower
		Zone	Zone
Undes Turkey Tra	ack-Wolfcamp		Undes.Turkey Track-Atoka
9072-9166'			10,776-10,790'
0il			Gas
Flavina		,	Planing
			Flowing
of the Multiple Completers and location thereof, depth, location and typ ation of all wells on appases offsetting applicant to such multiple completes of the application of all wells of the application of the Multiple Completes on which this well is to Box 1231, Midlar and Ten Blvd. Suitany, 200 N. Loraty, 1100 Wall Town 200 N. Loraty, 1100 Wall Town 200 N. lst, Artesia P. O. Box 1919, Mof Artesia,	quantities used and e of packers and side of packers and side olicant's lease, all of 's lease. ion from each offset cation.* e log with tops and at the time applicationated together with end, Texas 797 the 200-North, ine, Midland, ar West, Midland, ar West, Midland, ion, New Mexico Midland, Texas ia, New Mexico Midland, Texas is a, New Mexico Midland, Texas is a midland in the side of the s	top of cement, perford door chokes, and such offset wells on offset operator, or in lieu to be troms of producing on is filed it shall be their correct mailing 02  San Antonio, Texas 79701  10, Texas 79701  10, Texas 79702  10, 88210  11, 88210  12, 88210  13, 88210	rated intervals, tubing strings, including hother information as may be pertinent t leases, and the names and addresses hereof, evidence that said offset operations are submitted as provided by Rule 112-A.) address.
state that I am the <u>Diversion on the I am</u>	vision Prod. M	anager of the	Threshold Development
	response of the Multiple Completers and location thereof, depth, location and typation of all wells on applicant to such multiple completes of the applicant of the such log is not available on which this well is to Box 1231, Midlar R. Ten Blvd. Suitany, 200 N. Loraty, 1100 Wall Tower 2 N. 1st, Artesia P. O. Box 1919, Mof Artesia, Artesia O. Box 1518, Rose obove notified and furnishmber 25, 1980	response of the Multiple Completion, showing all casers and location thereof, quantities used and adepth, location and type of packers and side attention of all wells on applicant's lease, all cases offsetting applicant's lease, all cases offsetting applicant's lease, all cases offsetting applicant's lease, all cases of the application.*  well or other acceptable log with tops and such log is not available at the time application on which this well is located together with Box 1231, Midland, Texas 797  rk Ten Blvd. Suite 200-North, any, 200 N. Loraine, Midland, y, 1100 Wall Tower West, Midland, Y, 1100 Wall Tower West, Midland, Texas of Artesia, Artesia, New Mexico P. O. Box 1919, Midland, Texas of Artesia, Artesia, New Mexico O. Box 1518, Roswell, New Mexico O. Box 1518, Roswell D. Box	Flowing  check YES or NO)  of the Multiple Completion, showing all casing strings, including ers and location thereof, quantities used and top of cement, perform the depth, location and type of packers and side door chokes, and such attorn of all wells on applicant's lease, all offset wells on offset asses offsetting applicant's lease.  To such multiple completion from each offset operator, or in lieu to shed copies of the application.*  Well or other acceptable log with tops and bottoms of producing such log is not available at the time application is filled it shall be on which this well is located together with their correct mailing Box 1231, Midland, Texas 79702  ork Ten Blvd. Suite 200-North, San Antonio, Tany, 200 N. Loraine, Midland, Texas 79701  y, 1100 Wall Tower West, Midland, Texas 79702  Or N. 1st, Artesia, New Mexico 88210  P. O. Box 1919, Midland, Texas 79702  of Artesia, Artesia, New Mexico 88210  O. Box 1518, Roswell, New Mexico 88201

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Deckets Nos. 37-80 and 38-80 are tentatively set for November 25 and December 10, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

### DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 12, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for December, 1980, from four prorated pools in San Juan, Rio Arriba, and and adoyal Counties. New Mexico.
- CASE 7076: Application of Vista Resources, Inc. for an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its John H. Dashko Federal Well No. 1 to be drilled 2510 feet from the South line and 790 feet from the East line of Section 11, Township 24 North, Range 7 West, Basin-Dakota Pool, the B/2 of said Section 11 to be dedicated to the well.
- CASE 7077: Application of Threshold Development Company for a dual completion, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the dual completion of its Conoco "10"

  State Com Well No. 1 located in Unit I of Section 10. Township 19 South, Range 29 Ecct, Turkey

  Track Field, to produce oil from the Wolfcamp formation and gas from the Atoka formation through
  parallel strings of tubing.
- Application of Cotton Petroleum Corporation for downhole commingling, Rio Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of Chacra and

  Pictured Cliffs production in the wellbores of wells in the South Blanco-Pictured Cliffs Pool located in Sections 1, 2, 3, 4, 9, 10, 11, 13, 23, and 24, Township 24 North, Range 4 West.
- CASE 7078: Application of Conoco Inc. for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Warren Unit Well No. 82 located in Unit G of Section 35, Township 20 South, Range 38 East, to produce oil from the Blinebry Oil and Gas or Warren-Tubb Pools and the D-K Abo Pool.
- CASE 7079: Application of HNG Oil Company for the amendment of Order No. R-5727, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks the amendment of Order No. R-5727 to include the entire Pennsylvanian formation under the compulsory pooling order rather than only the Morrow formation as previously ordered.
- CASE 7080: Application of Franks Petroleum, Inc. for an unorthodox gas well location, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be
  drilled 660 feet from the North and East lines of Section 9, Township 21 South, Range 32 East,

  Hat Mess-Morrow Gas Pool, the E/2 of said Section 9 to be dedicated to the well.
- CASE 7081: Application of Belco Petroleum Corporation for compulsory pooling, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the E/2 of Section 19, Township 23 South, Range 28 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7070: (Continued from October 29, 1980, Examiner Hearing)

CASE 7046: (Continued from October 15, 1980, Examiner Rearing)

Application of Tesoro Petroleum Corporation for a pilot caustic flood project, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a one-acre pilot caustic flood project in the Hospah Field by the injection of caustic fluid into the Seven Lakes Sand of the Upper Hospah Field at an approximate depth of 300-500 feet through four injection wells in Unit K of Section 1, Township 17 North, Range 9 West.

CASE 7082: Application of Maralo, Inc. and Dalport Oil Corporation for a waterflood project, Lea County, New Mexico. Applicants, in the above-styled cause, seek authority to institute a joint waterflood project on Dalport's Winters Lease offsetting Maralo's Jalmat Yates Unit waterflood project by the injection of water into the Yates-Seven Rivers-Queen formations through a well to be jointly drilled at an unorthodox location 1260 feet from the South line and 1250 feet from the West line of Section 7, Township 25 South, lange 36 East, Jalmat Pool.

# OIL CONSERVATION COMMISSION Actions DISTRICT

Case 70>>

OIL CONSERVATION COMMIS	SSION 3 C 31 V 2 DATE 10-7-80	
SANTA FE, NEW MEXICO	OCT 0 8 1980  OIL CONS EVATION DIVISION SANTA FE  Proposed MC Proposed MC Proposed NSL Proposed SWD Proposed WFX Proposed PMX	
Gentlemen:		
l have examined ti	he application dated $9-25-80$	
for the Inreshald	Dov. Co. Conoco 10 State Com. #1-I.10-19	-29
Operator	Lease and Well No. Unit, S-T-R	
and my recommendations	are as follows:	
Does not augh	fy for administration approval	
letter Hand		
Se for Acting		
	Yours very truly,	
	1126	

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

Jak

CASE NO.	7077	
Ordon No	D- 1.529	

704	Order No. R- 6539
PPLICATION OF THE	RESHOLD DEVELOPMENT COMPANY
	COMPLETION, EDDY
COUNTY, NEW MEXICO.	· Maria de la companya de la company • Companya de la comp
er e	ORDER OF THE DIVISION
BY THE DIVISION:	Land Comment of the C
This cause of	came on for hearing at 9 o'clock a.m. on
and a second designation of the second secon	, 19_80, at Santa Fe, New Mexico, before
Examiner Richard	
	day of December , 19 80 , the
	having considered the testimony, the record,
•	tions of the Examiner, and being fully advised
in the premises,	orono or the branches, and being rully day to the
FINDS:	
	ue public notice having been given as required h
	has jurisdiction of this cause and the subject
	has juitadiction of this cause and the subject
natter thereof.	
	he applicant, Threshold Development Company
	complete its Conoco "10" State Com
	ocated in Unit I of Section 10, Town-
ship 19 South	, Range 29 East , NMPM, Eddy
County, New Mexico	, as a dual completion (conventional) to (combination)
oil produce das from	(tubingless) the Wolfcamp formation and gas from the Atoka
l e	h parallel strings of tubing.
<u> </u>	

(3) That the mechanics of the proposed dual completion
are feasible and in accord with good conservation practices.
(4) That approval of the subject application will prevent
waste and protect correlative rights.
IT IS THEREFORE ORDERED:
(1) That the applicant, Threshold Development Company
is hereby authorized to complete its Conoco "10" State Com
Well No. $\frac{1}{}$ , located in Unit $\frac{1}{}$ of Section $\frac{10}{}$ ,
Township 19 South , Range 29 East , NMPM, Eddy
County, New Mexico, as a dual completion(conventional)  (combination)  (bubingless)
to produce gas from the Wolfcamp formation and gas from the
Atoka formation through parallel strings of tubing.
with separation of the zones to be achieved by means
of a secker set at a death of approximately 10650 feet
PROVIDED HOWEVER, that the applicant shall complete, operate
and produce said well in accordance with the provisions of Rule
112-A of the Division Rules and Regulations insofar as said rule
is not inconsistent with this order;
PROVIDED FURTHER, that the applicant shall take
Packer leakage tests upon completion and
annually thereafter during the Annual Shut-In Pressure
Test Period for gus wells in South east New Mexico tout
(2) That jurisdiction of this cause is retained for the
entry of such further orders as the Division may deem necessary.
DONE at Santa Fe, New Mexico, on the day and year hereinabove
designated.