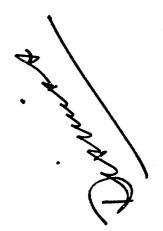
CASE 6540: CAULKINS OIL COMPANY FOR AN NGPA DETERMINATION, RIO ARRIBA COUNTY, NEW MEXICO



CASE NO.

6540

APPlication, Transcripts, Small Exhibits,

ETC.

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Pe, New Mexico 9 May 1979

EXAMINER HEARING

STATE OF NEW MEXICO

IN THE MATTER OF:

CASE 6540

Application of Caulkins Oil Company for an NGPA determination, Rio Arriba) County, New Mexico.

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel for the Division State Land Office Bldg. Santa Fe, New Mexico 87503

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MR. NUTTER: Call Case 6540.

MR. PADILLA: Case 6540. Application of Caulkins Oil Company for an NGPA determination, Rio

Arriba County, New Mexico.

The applicant in this case has requested that it be dismissed.

MR. NUTTER: Case 6540 will be dismissed.

(Hearing concluded.)

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REPORTER'S CERTIFICATE

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I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill, from my notes taken at the time of the hearing.

Examina ervalion Division

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New Mexico 9 May 1979

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I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill, from my notes taken at the time of the hearing.

Sally W. Boyd, C.S.R.

I do hereby continue that the foregoing is a complote making of the proceedings in the Examiner pooring of Case No. (240). heard by me on 1979.

Oil Conservation Division

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN SECRETARY

May 16, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Mr. Arnold E. Raether Caulkins Oil Company Suite 2100 - 1600 Broadwa Denver, Colorado 80202	Re: CASE NO. 6540 ORDER NO. R-6007 ay Applicant:
	Caulkins Oil Company
Dear Sir:	
Enclosed herewith are tw Division order recently	wo copies of the above-referenced entered in the subject case.
Yours very truly, JOE D. RAMEY Director	
JDR/fd	
Copy of order also sent	to:
Hobbs OCC X Artesia OCC X Aztec OCC X	
Other	

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. 6540 Order No. R-6007

APPLICATION OF CAULKINS OIL COMPANY FOR AN NGPA DETERMINATION, RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on May 9, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 15th day of May, 1979, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

That the applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 6540 is hereby dismissed.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. KAMEY, Director

dr/

Activities and the second

SUITE 2100 -- 1600 BROADWAY DENVER, COLORADO 80202

May 3, 1979

ea code 303 923-8791 1262-4250

Energy and Minerals Department Oil Conservation Division P.O. Box 2088 State Land Office Building Santa Fe, New Mexico 87501

Re: Well head price ceiling determination, NGPA of 1978

Gentlemen:

Please be advised that well State B #233 D-16-26N-6W does not qualify for section 108 of the Natural Gas Policy Act of 1978. For this reason, please cancel the hearing scheduled for May 9, 1979, Docket Number 18-79 Case 6540.

Sincerely,

CAULKINS OIL COMPANY

Arnold E. Raether

AER/1g

Dockets Nos. 20-79 and 21-79 are tentatively set for hearing on May 23 and June 13, 1979. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - UPDRIFSDAY - MAY 9, 1979

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, Txaminer, or Richard L. Stamets, Alternate Examiner:
- CASE 6544: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Geologic Resources, Inc., United States Fire Insurance Company, and all other interested parties to appear and show cause why the B. T. Godec Strat. Test Well No. 1 located in Unit I of Section 25, Township 12 North, Range 8 East, Santa Fe County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6492: (Continued from April 25, 1979, Examiner Hearing)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the San Andres formation underlying the NE/4 NW/4 of Section 13, Township 17 South, Range 25 East, Eddy County, New Mexico, 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 ellection of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

- CASE 6534: Application of Amoco Production for simultaneous dedication and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of its Gilluly Fed. Well No. 17 at an unorthodox location in Unit II of Section 24, Township 20 South, Range 36 East, Eumont Gas Pool, along with the three wells now dedicated to the previously approved 480-acre unit comprising the N/2 and SE/4 of said Section 24.
- CASE 6535: Application of Torreon Oil Company for a waterflood project, Sandoval County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the San Luis-Mesaverde Pool by the injection of water into the Menefee formation through two wells located in Section 21, Township 18 North, Range 3 West, Sandoval County, New Mexico.
- CASE 6536: Application of Black River Corp. for two non-standard gas proration units, Lea Camir, New Mexico.

 Applicant, in the above-styled cause, seeks approval for two 80-acre non-standard gas proration units in the Jalmat Gas Pool as follows: the N/2 SE/4 of Section 22, Township 23 South, Range 36 East, to be dedicated to applicant's well to be drilled in Unit J of said Section 22; and the S/2 SE/4 of said Section 22 to be dedicated to El Paso Natural Gas Company's Shell State Well NO. 3 located in Unit P.
- CASE 6537: Application of Harper Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for its West Ranger Lake Unit Area, comprising 1,120 acres, more or less, of State lands in Township 12 South, Range 34 East, Lea County, New Mexico.
- CASE 6538: Application of Bedford, Inc., for approval of infill drilling, San Juan County, New Mexico.

 Applicant, in the above-styled cause, seeks a waiver of existing well spacing requirements and a finding that the drilling of its Rem Well No. 1-A located in Unit G of Section 8, Township 26

 North, Range 12 West, WAW Fruitland-Pictured Cliffs Pool, San Juan County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.
- CASE 6539: Application of Continental Oil Company for a dual completion, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the dual completion of its James Ranch
 Unit Well No. 7 located in Unit G of Section 6, Township 23 South, Range 31 East, Eddy County, New
 Mexico, to produce gas from the Morrow and Atoka formations, Los Medanos Field, through parallel
 strings of tubing.
- CASE 6540: Application of Caulkins 0il Company for an NGPA determination, Rio Arriba County, New Mexico.
 Applicant, in the above-styled cause, seeks a Section 108 stripper gas well determination for its
 State B Well No. 233 located in Unit D of Section 16, Township 26 North, Range 6 West, South
 Blanco-Pictured Cliffs Pool, Rio Arriba County, New Mexico.
 - CASE 6541: Application of Sun Oil Company for an unorthodox well location, Chaves County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State H Well No. 17, 1328 feet from the North line and 1336 feet from the East line of Section 16, Township 8 South, Range 30 East, Cato-San Andres Pool, Chaves County, New Mexico.

STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

NICK FRANKLIN

SOUTHWAN

SECULIARY

Caulkins Oil Co. 1600 Broadway - Suite 2100 Denver, CO 80202



Re: Wellhead price ceiling determination, NGPA of

1978

Gentlemen:

DATE:

The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the section(s) of the Natural Gas Policy Act of 1978 indicated below. If your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION	State B	# 233	D-16-26N-6W		
SECTION(S) APPLIED FOR	108				-
DATE APPLICATION RECEIVED	2-26-79			-	
APPLICATION INCOMPLETE		•	<u>)</u>		
	Sincer	ely,	Descher.	LJ .	
				•	

THIS WELL DOES NOT QUALIFY FOR SECTION 108. PLEASE DISREGARD APPLICATION.

Arnold E. Raether Caulkins Oil Company

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN

FOST OFFICE BOX POND STATE LAND OFFICE BUILDING BANTA FE, HE W BYEXICO 07501 ISOST 027-2434

Caulkins Oil Co. 1600 Broadway - Suite 2100 Denver, CO 80202

Case 6540

Re: Wellhead price ceiling

determination, NGPA of

1978

Gentlemen:

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WELL NAME AND LOCATION	State B # 233	D-16-26N-6W	
SECTION(S) APPLIED FOR	108		
DATE APPLICATION RECEIVED _	2-26-79		
APPLICATION INCOMPLETE			
	Sincerely,)ercker	·

DATE: 4-12-79

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

The following Oil Conservation Division and/or Federal Energy Regulatory Commission regulations were not satisfied by your application for determination. Please review the regulations checked below and supply the necessary information.

SECTION	OCD RULE . ORDER R-5878	CORRESPONDING FFRC RULE	OCD RULE ORDER R-5878	CORRESPONDING FERC RULE
GENERAL .	1.	274.201 (e)	2.	274.201 (c)
102	13. 1. a.	274.202 (c) (1) (1)	14. 1.	274.202 (d) (1) (f)
NEW NATURAL GAS	" 1. c.	" (c) (1) (iv) " (c) (1) (v)	" 4.	" (d) (1) (11) " (d) (1) (v)
	" 2. a.	" (c) (2) (i)	" 5. (a)	" (d) (ž) (i)
	" 2. c.	" (c) (2) (iii)	" 5. (b)	" (d) (2) (ii) (A)
	" 2. d.	" (c) (2) (iv)	" 5. (c)	" (d) (2) (ii) (B)
	" 2. e.	" (c) (2) (vi)	" 5. (d)	" (d) (2) (ii) (C)
		·	6.	" (d) (2) (11) (D)
103	15. 1.	274.204 (a)	15. 5.	274.204 (d)
NEW ONSHORE PRODUCTION WELLS	" 4.	" (c)	" 6.	" (f)
107	16. 1.	274,205 (a)	16. 5.	274.205 (d)
HIGH-COST GAS	" 3.	" (b)	" 6.	" (e)
•	n 4.	" (c)		
100		074 000 (-) (1)	18 3.	274.206 (c) (2)
108	17. 1.	274.206 (a) (1)	1	
STRIPPER GAS	·	" (a) (2) " (a) (3)	" 4. " 5.	" (c) (3) " (c) (4)
	5.		19. 3.	. " (d) (2)
	7.	" (a) (4)	" 4.	" (d) (3)
	, 8.	" (a) (6)	" 5.	" (d) (4)
	"_9	(a) (b)	" 6.	" (d) (5)
	10.	" (a) (8)	.	(a) (b) (i) (i) (i) (i) (i) (i) (i) (i) (i) (i

OTHER REQUIREMENTS NOT MET

Must have 90 days of production of application.

Must also have 12 consecutive months of

production or other way to establish MER.

We are settling this of hearing of May 9

NEW MEXICO OIL CONSERVATION DIVISION P. O. Box 2008, Santa Fe, New Mexico 87501

APPLICATION FOR WELLHEAD	Cont of Course
PRICE CEILING CATEGORY DETERMINATION	Store, Federal cr Fee Stat
1. FOR DIVISION USE ONLY	1. June 11 6 das Le mo lin.
DATE OF: APPLICATION	E 291-25
DETERMINATION	
CONTESTED	T. That A steement Time
PARTICIPANTS	n, n de fe de Longe en El genere
Caulkins Oil Company	State B
1600 Broadway, Suite 2100, Denver, Colorado 80202	233
4. Location of Well OHIT CETTER D 980 FEET FROM THE West LINE AND 1145 TEET FROM THE	South Blanco PC
THE North LINE, SECTION 16 TOWNSHIP 26N AANGE 6W	
13. Name and Address of Transporter(s)	1:, Searity
	Rio Arriba
Well Category Information	•
Check appropriate box for category sought and information submitted.	A
100 1 Comments of County (by Note County No.) 108	79
2. All Applications must contain:	ECEIVED
[f x] a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK	ECELA
a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK	FEB 2 6 1979
C. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111	(Conservation
X d. AFFIDAVITS OF MAILING OR DELIVERY	
3. NEW NATURAL GAS UNDER SEC. 102(c)(1)(B) (using 2.5 Mile or 1000 Feet	Deeper Test)
a. Location Plat	•
4. NEW NATURAL GAS UNDER SEC. 102(c)(1)(C) (new onshore reservoir)	
a. C-122 Multipoint and one point back pressure test	
5. NEW ONSHORE PRODUCTION WELL	:
a. C-102 WELL LOCATION AND ACREAGE DEDICATION PLAT	•
b. No. of order authorizing infill program	
(X) 6. STRIPPER GAS	
X a. C-116 GAS-OIL RATIO TEST	•
[X] b. PRODUCTION CURVE FOR 12-MONTH PERIOD PRECEDING DECEMBER 1, 1978.	•
Z c. PRODUCTION CURVE FOR THE 90-DAY PERIOD ON WHICH THE APPLICATION I	S BASED
I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CO	MPLETE TO THE
NAME: Arnold E. Raether SIGNED: DATE: DATE:	W.
TITLE: Treasurer DATE: DATE:	1979

APPROVED:

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 103 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

Section of NGPA	Category Code	Description
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshure well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103		New onshore production well
107	une.	High cost natural gas
108	••• •••	Stripper well

	•		_			
_	103	•	-		New onshore production	well -
	107				High cost natural gas	
	108	. •			Stripper well	
	Other Purchasers Co.	ntracts:			514ED	
	Contract Date (Mo. Day Yr.)		•	Purchaser	RECEINED OIL COUSENDE OIL COUSE	Buyer Code
			*		Oil Couze Last ra	
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	Remarks:					
					+ + - -	
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F17990006 1 2

1.0 API well number: (If not available, leave blank, 14 digits,)		-
Type of determination being sought: (Use the codes found on the front of this form)	108 Section of NGPA Category C	nde
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	feet	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Caulkins Oil Company Name 1600 Broadway, Suite 2100 Street Denver Colo. 802	Seller Code
	City State Zip C	
5.0 Location of this well: (Complete (a) or (b).) -(a) For onshore wells (35 letters maximum for field name.)	South Blanco Pictured Cliffs Field Name Rio Arriba County New	Mexico
(b) For OCS wells:		
	Area Name Block Nur	nber
	Date of Lease: L1	ber .
(c) Name and identification number of this well: (35 letters and digits maximum.)	State B 233	·
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)		
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Gas Company of New Mexico	Buyer Code
(b) Date of the contract:		
(c) Estimated annual production:	14,462 MMcf.	
	(a) Base Price (b) Tax (c) All Other Prices (Indicate) (+) or (-).}	(d) Total of (a), e (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	1.528	
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	1.440	
9.0 Person responsible for this application: Agency Use Only Date Received by Juris, Agency	Arnold E. Raether Trea	surer
Date Received by FERC	Date Application is Completed Phone Number	

FT7900805/2-2

Form C-101 Revised (12/1/55)

NEW MFXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion hegins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form and If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form C-101 Parmington, Year Texteo August 1, 1960 (Place) (This report corrects C-101 filed July 21/60 OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO Gentlemen: Deecening You are hereby notified that it is our intention to commence the Dilling of a well to be known as Coulking Cil Company (Compan, or Operator) State "B" , Well No. FIX-233 , in D The well in line and 1745 feet from the .feet from the...... North line of Section 16 T 267 , R 64 , NMPM. Fouth Manca Pool, Pia Arriba County (GIVE LOCATION FROM SECTION LINE) If State Land the Oil and Gas Lease is No. 225-25 \mathbf{D} \mathbf{C} В Α 0 We propose to drill well with drilling equipment as follows: as orll with rotars drilling equipment from present doubt of 31251 to 7650! E F \mathbf{G} H · ſ, J ī P M N O We intend to complete this well in the Pletured Cliffa and Jakota CASING PROGRAM We propose to use the following strings of Casing and to cement them as indicated: Bize of Caring Weight per Foot New or Becond Hand 13" 10-3/4" 1,0.5 SH 54,01 250 # 8-3/4" <u> 20.0</u> Cou 30381 200 * 61" 15.0 TOW 0 to 30001 61.5 130 11.6 COM 3000 to 75501 If changes in the above plans become advisable we will notify you immediately. * Alrocay in woll. ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.) This well is presently producing from Pictured Cliffs sand. 7° CD 20% casing is comented at 3038 and the total depth is 3125°. For Commission order #2-1627, dated 3-11-60, we propose to deepen the above described well to approximately 7650° or through the Cakota producing interval. This hole will be made by gas drilling. The following easing and comenting program will be used: (over) Sincerely yours. Approved Except as follows: Dixhiction Foresen Send Communications regarding well to Frank O. Cray

Pox 700, Farmington,

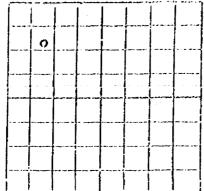
43" 00, 11.6% J-55 Onls casing 3000' to 7650' 5" 00, 150 J-55 Onls casing 0 to 3000'

This string shall be comented with 200 cacks 12% Contents coment, containing 12)% Cilconite per each, followed by 50 sacks neat coment containing 12)% Cilconite per cack.

The Dakota and Pictured Chiffs sands will be sand water fractured. After the Dakota fracturing operation is completed the 4Å" casing will be temporarily plugged at approximately 7100° and the 5° casing will be cut and pulled from approximately 2950°. A Daker Model D Macker will be set near the top of the Graneros perforations and a string of 2 3/8° OF EUE tubing latched in it. A string of 1½° EUE tubing will be run for Mictured Chiffs production.

This well is presently on Cil Conservation Cossission records as State "B" FC-233.

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NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Subrait in QUINTUPLICATE.

11 State Land submit 6 Copies

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5. 4, from	WEIGHT PER POOT U0.5% 20%	NEW OR USED USED USED lieu	AHOUNT 500 2000 0-2957	ASING BECC KIND OF SHOE	ORD CUT AND	PEBFORATIONS SOO	Surface Production
81ZE 0 3/4 * 7" *	WEIGHT PER POOT 190.53 20: 15: 11:6:	NEW OR USED USED USED	CAHOUNT SUO CO	ASING BECC KIND OF SHOE	CUT AND PULLED FROM	PEBFORATIONS SOB Hilstory	Surface Production
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APPOORD OF DRULBTEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary t	nols were t	used from	71.25 feet to 7850	fcet,	añ d fr om		lect to	٦.
Cable to	ols were u	sed frojn	feet to	fcct,	and from		leet to	:c
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	Gr	avity	.1					
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	liqu	aid Hydroc	earbon. Shut in Pressure	lbs.		•		
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		*	ATTACH SEPARATE SHEET	IF ADDITION	NAL SPA	CE IS NE	CEDED	
I her	eby swear	or affirm	that the information given herewith	y Attnot	nd correct	record of	the well and all work done on it so fa	a.r
			silable records.		The	and	le 172 rain	-
						rempe	729, 1960 ()	••
Company	or Operate	or Cau	lkins 011 Company	Address	Dox 7	80, F	armington, Now Pexic	D
							Superintendent	

ALCO COMPTINE

Acceptance of

8-7 - TO - 76501.

C-3 - Ran Schlubberger Induction, Garma Pay and Temperature Logs.
8-9 - Ran 5" OD, 15 casing 0' to 2957 and 16" OD, 11.6% casing 2957 to 75 hb. General through shoo with 200 sacks 125 Dephenite coment, containing 12% Gilsonite per suck, plus 50 sucks Later coment. Multistage comonting collars were used in the ken portion of the string at 3290' and 2987'.

8-13 - Drilled DV Collar @ 2987 . Tosted casing w/2500%. Held ok.

8-20 - Cleaned out to 7590*,

0-21 - Pan Comoton log to 7590.
8-22 - Perforated 4 holes 6 7574 and 4 holes 6 7340. Fan Halliburton DH Squeezo Packer to 7510. Comented by casing 7349-7574 w/50 sacks Latex cement. Reversed cement out with tubing @ 7270 getting 2 bbls cement baok.

8-23 - Cheing held 3000# pressure ok. Pulled tubing and perforated 5 7250° u/4 holes. Formation broke from 4500# to 2000# pumping 6 BPM.
8-24 - Comented perforations 6 7250° u/15 sacks Latex coment. Final pres-

sure - 11.00%.

8-25 - Drillad out coment and squoozo packer. Tested perforations 6 7250'. Hold ok 6 3500%. Drilled cement out to 7510'. Tested casing 6 7510' and found it would take finid @ 2500%.

8-26 - Lano-Volls perforated 7478-7486 and 7410-7426 using 6 capsules per

foot. Perforated 7286-7322 w/4 jets per foot.
8-28 - Pumped 1.53 FRM into perforations 7478-7486 @ 4500%; pumped 5 EPM into perforations 7426-7426 @ 4500%; perforations 7286-7322 would take

fluid roadily @ 2500#.

6-29 - Fractured yell through casing using 5 Dowell Allison pumps. Used 160,000 \$ 50.60 sand, 150,700 gol. water containing 160 sacks Dowell J-101 and 196 cacks calcium chioride. Troating pressure 3400-3000%. Instantaneous shub-in pressure 2100%. Average Injection Rate - 31 RPM. Used 5040 Cal. for flush. Dropped 150 balls after 90,000%, 50 after 120,000% and 50 after 140,000%. First batch brought no pressure increase; second batch increased pressure 3200 to 3500%; third batch increased pressure 3250 to 3400%. Well unloaded by our pressure.
8-74 - Cleaned out with gas to 7430.
9-1 - Set packer 6 7445 and pumped 6 LPM into zone 7478-7436 € 5300%.

Raised packer and pumped 6 EPH into zones @ 7478-7486 and 7410-7426 @ 3500%. Roset packer @ 7443° and frac'd through tubing with 8000% 40-60 sand and 11,760 gal. water. Flushed with 1764 gal. water. All water treated with J-101 and 1% calcium chloride. Used 2 Dowell Allison pumps. EDP - 5300#; TP - 5300-5500#; TP - 2800#; AIN - 8 BENt. Pulled tubing and woll started flowing through easing. One volume was 1443 MCF after 43 hours.

9-3 - Perforated @ 3300 and 3038 w/4 holes @ each depth.

9-4 - Comented 42" casing 3300-3038 v/75 sks Latex coment. Cleaned out to 3000

9-6 + Fan 5" OD Homoo casing cutter to 2931 and cut and pulled 5" casing. Schlumberger perforated 2038 and 3053 w/4 jets per foot.
9-12 - Frac & Plotured Cliffs sand 3038-3053 w/50,000, 10-20 sand and 23,310

gal. water containing 15 calcium chloride. | Lushed 9/3460 gal. water. BDP - 2500-1500%; ISIP - 1000%; AIR - 44.7 BPH. Ran 2 3/8" OD BUR, 4.7% Grd. J-55 Smls tubing to 2900. A pinned coupling was run on bottom of tubing.

9-17 - After cleaning for 11 hours gas volume was 1297 MCV. Deadweight easing pressure 667 ofter well was shut in 13 hours.

9-19 - Hoved in pulling unit and pulled tubing.
9-28 - Unloaded water, cleaned out sand, set 42" OB 11.6% to 13.5% Baker
Fodel "D" Packer at 7159 and ran 12" EUE, 2.7%, J-55 tubing to 7153.
9-29 - Fan 12" EUE, 2.7%, J-55 tubing to 2905.

6-233 Section 16

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVALION COMMISSION

Santa Fo, Now Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Voltow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

*******	Lowry_et	al Operat	ing Ac	count	or Operator		State E-2	9 1-25
			Well No.	6-233	_laNi\	of Sec	16	, T. 26H
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If paten	ted land the	owner is		:		, Addre	399	
If Gover	nment land.	he permittee	is			, Addre	999	
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	•				r water			
Include :	data on rate	of water infle	e bas we	levation to	which water	rose in hole.		
No. 1, f	rom	- 		to	······································	te	o t.	
		•			G RECORI			
SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORA FROM	TED PURPOSE
10-3/4	40.5	8R		540	Baker		6	Surface
711	20			3038				Production
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MUDDING AND CEMENTING RECORD

HOLE OF	SIZE OF CASING	WHERE	BET OF CEMENT	метнор и	SED MU	D GRAVITY	AMOUNT OF MUD USED
	10.3/	540	250	Plug_			••
	7	3038		Plug			
	<u> </u>						
			1	PLUGS AND A	DAPTERS		
Heaving	plugM	aterial		Length		Depth &	Set
Adapters	blateria	1		Size			
			RECORD OF SI	HOOTING OR	CHEMICAL T	REATMENT	
BIZE	siteri	CHRIT .	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
Du	uniped		S.N.G.	932 Ots.	2-15-52	3048-3125	3083
	- শ্ব				<u> </u>		
Results o	of shootin	g or cher	mical treatment_G		-		nd 555 MCF
			•				
,						1	* a
			RECORD OF	DRILL-STEM	AND SPECIAL	TESTS	
If drill-at	em or oth	her specia	al tests or deviation	surveys were i	nade, submit r	eport on separat	e sheet and attach hereto.
			•	TOOLS US	BED	• .	
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Cable too	ls were u	T accest bes	o clean out an	d shoot	feet, and	from_29/8	test_to3083test.
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			RMATION RECORD
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676 1370 2530 2565	1370 7530 2565 3125	694 1160 35 560	Shale Sand & Shale Shale Shale Sand & Shale
			Top of Pictured Cliffs: 3035.
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NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR 19.73

				CIVERNO	16,111 1	E51 N	REPORT FO	k ia			Porm C122- Revised 1-1		
South Blanco n= 85			Pictured Cliffs					Rio Arriba					
COMPANY					Trendisare washaansarb		AME AND HUMBER	•			rustalunsurus direkti musekasi musekasi kan ashiri kelasi sa		
Caulkins			ny	*		1	State "B"		233				
D SECTION 16			2611 PAREE GW			Gas Company of New Mexic							
7.000 CASING 1 0 - INCHES 6.456			3038		1.660			1.380		2905			
700M 3035 TO 3053			CASING N	O PAGGU	TUBING YES			.650	ERA	1838			
7-17-78	BAT	TO	H TEST	7-25-78	}	DATE 3)	8-1-78	MEASU	A CO				
				PRESSURE	DAYA - AL	L PRES	SSURES IN PSIA						
(a) Flowing Casing Pressure (DWt)		er (DWI)		same (DMI)	(d) Fice Ci Static R		(ltem c - Ite		(f) Friction Low (n - c) or (b -		(e) Average Heter Pressure (Inter		
230	. 2'	78		277	L	281	-4		1	270			
(h) Corrected Heter Pressure (g + e)	(i) Avg. W Press. P _g	ellhe#d = (h+f)		t-in Casing (k) Shut-in Pressure		Tubing (i) P _c = higher of (j) or (k)		Pd = 80		(n) Separator or hydrator Pr. (DW NP for critical flow			
266	. 20	57	30	7	307	7	307	1		•••••			
				FLOW RAT	E CORREC	тіон (м	ETER ERROR)				•		
Integrated Volume —	MCP/D	Quoti	ent of 1	Item c Item d 58	-	•	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	•	Corrected Q =	v olui 58			
				WORKIN	G PRESSUR	RE CAL	CULATION						
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	-Ļ			DELIV	ERABILITY	L	l			<u>+</u>			
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NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-55

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Caulkins Oil Company			Po		Bla	nco Pict	ure	ed Cl:	iffs	Co	unty Ric	Arri	lba			, •
Address 1600 Broadway, Suite 2	2100,	Den				Γr	YPE EST	E OF - (X)	Sch	boluko			oletion []	Spec	rioi []
	WELL		LOC	ATION		DATEOF	45	СНОКЕ	TBG.	DAILY	LENGTH			URING	TEST	GAS - OIL
LEASE NAME	NO.	u	s	т	R	TEST	STAT	SIZE	PRESS.	ALLOW-	TEST HOURS	WATER BBLS.	GRAV.	OIL BBLS,	GAS M.C.F.	RATIO CU.FT/BBL
State B	233	D	16	26N	6W			GAS	WELL	NO	TEST	REQU	I RED			
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No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psis and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in Heu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oli Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

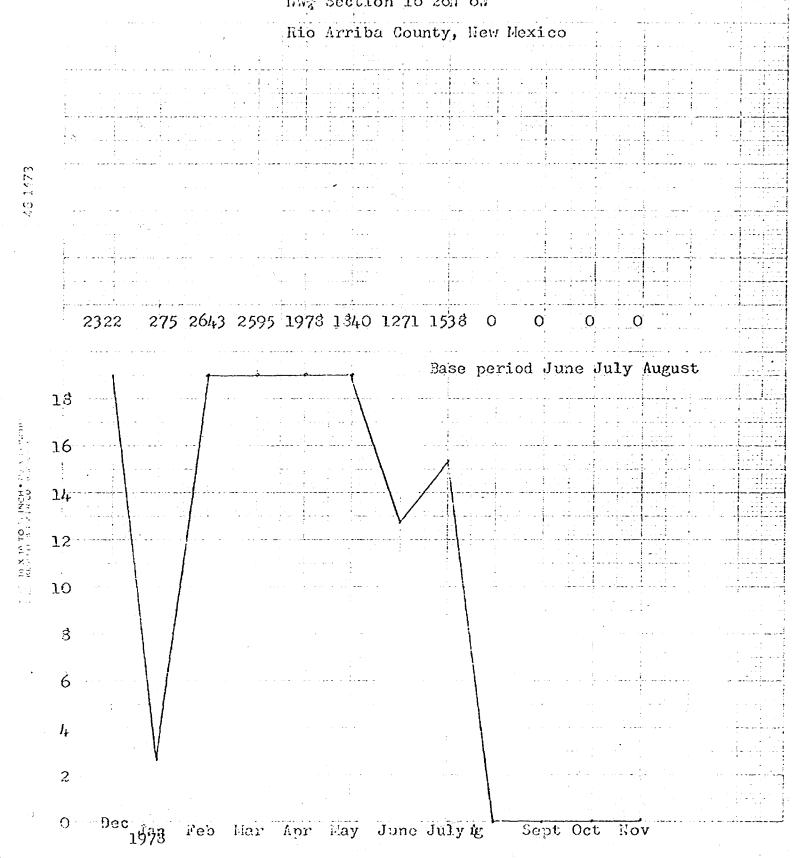
all Signature)

Arnold E. Raether, Treasurer

A Date

South Blanco Pictured Cliffs
State 3 233

HWa Section 16 26N 6W



State B 233

Rule #17

Paragraph 5: This well seasonally affected by high line pressure July, August, September & October. Mechanical difficulty prevented production in November. Well now on line.

Paragraph 8: Well Inventory

3038' 7" 20# J-55 Smls. Casing 2905' 1 1/4" 2.4# EUE Smls. Tubing 1/2 Dual Cameron Wellhead Rule #17

Paragraph 9:

Arnold E. Raether, Treasurer, Caulkins Oil Company, under oath hereby certifies that a diligent search of the records and files which were reasonably available was made and all information reviewed in connection with the herein described well and that he has concluded that to the best of his information, knowledge, and belief, the well qualifies as a stripper well.

Arnold E. Raether further attests that he has no knowledge of any other information which is inconsitent with his conclusion.

Sworn to this 15th day of February, 1979.

Arnold E. Raether, Treasurer

CAULKINS OIL COMPANY

STATE OF COLORADO) COUNTY OF DENVER

Before me the undersigned, a Notary Public, on this 15th day of February, 1979, personally appeared Arnold E. Raether, Treasurer of Caulkins Oil Company, to me known to be the identical person who executed the foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: December 6, 1980

Anit Anderson.
Notary Public

I hereby certify that Caulkins Oil Company has mailed or delivered notification of the filing of the Form FERC-121 and Form C-132 to all working interest owners and to all parties to the gas purchase contract.

Attached is a list of those parties.

Arnold E. Raether, Treasurer Caulkins Oil Company

February 21, 1979

Breech Equities 17344 W. Twelve Mile Road Southfield, Michigan 48076

Caulkins Producing Company 1600 Broadway, Suite 2100 Denver, Colorado 80202

Depco, Inc. 1025 Petroleum Club Building Denver, Colorado 80202

Husky Oil Company P. O. Box 380 Cody, Wyoming 82414

Harold C. Johns Park Motor Sales Company 18100 Woodward Avenue Detroit, Michigan 48203

Kenoil Corporation 200 Park Avenue, Room 3021 New York, New York 10017

Lorena Mayer Nidorf c/o Mr. Myron S. Fox 9441 Wilshire Boulevard, Suite 616 Beverly Hills, California 90212

Marion S. Thomas & Robert W. Thomas, as Trustees of the Marion S. Thomas Trust 4034 W. Lawrence Avenue Chicago, Illinois 60630

Paul A. Thomas, Jr. Trust of 9-1 8-73 4034 W. Lawrence Avenue Chicago, Illinois 60630

George H. Zimmerman, Trustee for Doris Zimmerman 220 Bagley Avenue, Suite 408 Detroit, Michigan 48226

Gas Company of New Mexico 1508 Pacific Avenue Dallas, Texas 75270 Attachment to Form FERC 121 and C-132

I hereby certify that Caulkins Oil Company has given notice of each Application for Determination of the Maximum Lawful Price Under the Natural Gas Policy Act of 1978 to the public through the Farmington Daily Times, Farmington, New Mexico. The approximate date of publication was Monday, February 26, 1979.

Arnold E. Raether, Treasurer Caulkins Oil Company

STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN

FOST OFFICE HOX PORD

BTATE LAND OFFICE HURCHAG
BANTA FE, NEW MEXICO 07501
15051 827-2434

Caulkins Oil Co. 1600 Broadway - Suite 2100 Denver, CO 80202

Case 6540

Re: Wellhead price ceiling determination, NGPA of

1978

Gentlemen:

The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the section(s) of the Natural Gas Policy Act of 1978 indicated below. If your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION	State B # 233 D-16-26N-6W
SECTION(S) APPLIED FOR	108
DATE APPLICATION RECEIVED _	2-26-79
APPLICATION INCOMPLETE	
	Sincerely,

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

The following Oil Conservation Division and/or Federal Energy Regulatory Commission regulations were not satisfied by your application for determination. Please review the regulations checked below and supply the necessary information.

SECTION	OCD RULE . ORDER R-5878	CORRESPONDING FERC RULE	OCD RULE ORDER R-5878	CORRESPONDING FERC RULE
GENERAL	1.	274.201 (e)	2.	274.201 (c)
102	13. 1. a.	274.202 (c) (1) (i)	14. 1.	274.202 (d) (1) (;)
NEW NATURAL GAS	и 1. с.	" (c) (1) (iv)	" 3.	" (d) (1) (ii)
•	" 1. d.	" (c) (1) (v)	" · 4.	" (d) (1) (v)
• •	" 2. a.	" (c) (2) (i)	" 5, (a)	" (d) (2) (i)
	" 2. c.	" (c) (2) (iii)	" 5. (b)	" (d) (2) (ii) (A
	" 2. d.	" (c) (2) (iv)	" 5. (c)	" (d) (2) (ii) (E
	" 2. e.	" (c) (2) (vi)	" 5. (d)	" (d) (2) (ii) (0
			6.	" (d) (2) (fi) (D
103	15. 1.	274.204 (a)	15. 5.	274.204 (d)
NEW ONSHORE PRODUCTION WELLS	" 4.	" (c)	" 6.	" (f)
107	16. 1.	274,205 (a)	16. 5.	274.205 (d)
HIGH-COST GAS	" 3.	" (b)	" 6.	" (e)
•	" 4.	" (c)		
300	12 1	274.206 (a) (1)	18 3,	274.206 (c) (2)
108	17. 1. " 4		" 4.	" (c) (3)
STRIPPER GAS	7.	(0) (2)	* 5.	
(5.	(0) (3)		
	. 6.	(a) (4)	19. 3.	(4) (2)
	7.	" (a) (5)	" 4.	(4): (5)
•	" 8.	" (a) (6)	" 5.	" (d) (4)
-	" 9.	" (a) (7)	" 6.	" (d) (5) .
	"10	" (a) (8)]"	

OTHER REQUIREMENTS NOT MET

Thust have 90 days of production of application.

Thust also have 12 consecutive months of production or other way to estavlish MER.

We are setting this of hearing of May 9

NEW MEXICO OII, CONSERVATION DIVISION P. O. Box 2088, Santa Fe, New Mexico 87501

		APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION	Print of Lease
	1.	FOR DIVISION USE ONLY	Store, Faderal Cr Fee Sta
	-•		E 291-25
		DATE OF: APPLICATION	
	-	DETERMINATION	
		CONTESTED	7. Chit'Autement Nume
Ca	aul	PARTICIPANTS FORM: kins Oil Company	State B
16	500	Broadway, Suite 2100, Denver, Colorado 80202	233
4. Loca		TICA D 980 FEET FROM THE WEST LINE AND 1145	South Blanco PC
1		orth LINE, SECTION 16 TOWNSHIP 26N BANGE 6W NAPM.	
	13.	Name and Address of Transporter(s)	
Ga	s	Company of New Mexico, 1508 Pacific Ave., Dallas,	Rio Arriba
•		WELL CATEGORY INFORMATION WELL CATEGORY INFORMATION	,
	Che	ck appropriate box for category sought and information submitted.	
X	1.	Category(ies) Sought (By NGPA Section No.) 108	-
	2.	All Applications must contain:	RECEIVED
	X	a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK	M L U L 1
1	[X] ·	b. C-105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG	FEB 2 6 1979
1		c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111	Oil Conservation
1	X	d. AFFIDAVITS OF MAILING OR DELIVERY	
П	3.	NEW NATURAL GAS UNDER SEC. 102(c)(1)(B) (using 2.5 Mile or 1000 Feet	Deeper Test)
(a. Location Plat	•
<u></u>		NEW NATURAL GAS UNDER SEC. 102(c)(1)(C) (new onshore reservoir)	
LJ.	~. ─-1		×
, i	l -	a. C-122 Multipoint and one point back pressure test	
LJ:	5. 	NEW ONSHORE PRODUCTION WELL	
l	_	a. C-102 WELL LOCATION AND ACREAGE DEDICATION PLAT	•
. [b. No. of order authorizing infill program	-
	5.	STRIPPER GAS	•
_	X)	a. C-116 GAS-OIL RATIO TEST	
_		b. PRODUCTION CURVE FOR 12-MONTH PERIOD PRECEDING DECEMBER 1, 1978.	
. [×	e. PRODUCTION CURVE FOR THE 90-DAY PERIOD ON WHICH THE APPLICATION	IS BASED
• !		I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND COBEST OF MY KNOWLEDGE AND BELIEF.	
N	AME	a: Arnold E. Raether SIGNED:	ull_

EXAMINER

Treasurer

TITLE:

APPROVED:

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Remarks:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

Section of NGPA	Category Code	Description.
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshure well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103		New onshore production well
107		High cost natural gas
108		Stripper well

Other Purchasers	'Contracts:		CIMEN	
Contract Date (Mo. Day Yr.)	i .	Purchaser !	RECEI 1979	Buyer Code
	•		Oil Couzelsaliou	
		3 - 1	V.	
*				

£17000006112

1.0 API well number: (If not available, leave blank, 14 digits.)		Section 2-4-advantagement				-
2.0 Type of determination being sought: (Use the codes found on the front of this form.)		108 Section of A	₹ GPA	c	ategory Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	 				leet	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name	kins Oil (O Broadway		2100 Colo.	80202 Zip Code	Seller Code
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Na	h Blanco I me Arriba	Pictured	Cliff	S New Me	xico
(b) For OCS wells:	Area Nan	Date of Le			lock Number	
(c) Name and identification number of this well: {35 letters and digits naximum,}	State B 233					
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)						
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Gas Company of New Mexico Name Buyer Code					Buyer Code
(b) Date of the contract:	1 6 4 Mo. Day Yr.					•
(c) Estimated annual production:		3	14,462		_MMcf.	
		(a) Base Price (S/MMBTU)	(b) Tax	4	Other [Indicate [-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decirnal places.)		1.528				
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		1.440				• • • • • • • • • • • • • • • • • • • •
9.0 Person responsible for this application: Agency Use Only Date Received by Juris, Agency	Arnold E. Raether Treasurer Name Daniel Caester Title					
Date Received by FERC	Date Appl	ication is Complete	79		861-42 e Number	30

FT7900806/2-2

Form C-101 Revised (12/1/55)

NEW MF KICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion hegins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form G-101 Parmington, New Moxico August 1, 1960 (Place) (This report corrects C-101 filed July 21/6 OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO December You are hereby notified that it is our intention to commence the Difilling of a well to be known as Carlkins Cil Company State "3" , Well No. 11223 in D The well is line and 1745 feet from the Corth line of Section 16 , T. 261 , R. 64 , NMPM. Courty Marca Pool, File Arriba County (GIVE LOCATION FROM SECTION LINE) If State Land the Oil and Gas Lease is No. \$225-25 If patented land the owner is..... D \mathbf{C} В A 0 We propose to drill well with drilling equipment as follows: 523 will with rotar: drilling equipment from present depth of 31252 to 7650! G H The status of plugging bond is 1000 L ĸ ī J M N O P We intend to complete this well in the Plantad Cliffa and lokola formation at an approximate depth of 7650 CASING PROGRAM We propose to use the following strings of Casing and to cement them as indicated: Size of Hole Size of Casing Weight per Foot Nerv or Second Hand Sucia Cement Depth 13" 10-3/4" 5/.01 4,0.5 250 # 8-3/4" 20.0 : 'en 30361 200 h 874 15.0 Cow 0 to 30001 'one 1.40 77.6 'Ost 2000 to 75501 250 If changes in the above plans become advisable we will notify you immediately. Alroady in well. ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.) This woll is prosently producing from Fictured Cliffs sand. 7" OD 20% casing is comented at 3038 and the total doubt is 3125. For Commission order #1-1627, dated 2-11-60, we propose to deepen the above described well to approximately 7650° or through the Takota producing interval. This hole will be made by gos drilling. The following casing and comenting program will be used: (over) Sincerely yours, 2..., 19...6.0 Except as follows: Englished Foresen Position OIL CONSERVATION COMMISSION Send Communications regarding well to Fracic O. Cray Address Pox 700, Farriccton.

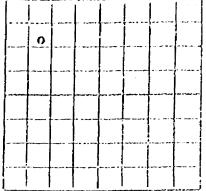
Will CD, 11.6% J-55 Onls casing 2000' to 7650' 5" CO, 15% J-55 Onls casing 0 to 2000'

This string shall be comented with 200 sacks 12% Centenite coment, containing 12% Cilconite per sack, followed by 50 sacks neat coment containing 12% Cilconite per sack.

The Pakota and Fictured Cliffs sands will be sand water fractured. After the Fakota fracturing operation is completed the $h_0^{\rm in}$ casing will be temperarily plugged at approximately 7100° and the 5" casing will be cut and pulled from approximately 2950°. A Roker Model D Macker will be set near the top of the Graneros perforations and a string of 2 3/8" On RUE tubing latched in it. A string of $1h^{\rm in}$ RUE tubing will be run for Fictured Cliffs production.

This well is presently on (41 Conservation Cossission records as State "S" PC-233.

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NEW MEXICO OIL CONSERVATION COMMISSION Sante Fe, New Mexico

WELL RECORD

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MECORD OF DRULLSTREE AND BENCIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

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Tite Field Superintendent

HILL HIGHORY

* #..... **

5-7 - TU - 7550'.

2-3 - San Schlumberger Induction, Carra Tay and Temperature Logs.
8-9 - Dan 5" OD, 15% casing O' to 2957 and by" OD, 11.6% casing 2957 to 7555. Comented through shoo with 200 sacks 12% Contents coment, comtaining 12% Gilsonite per suck, plus 50 sacks lakes coment. Pultistage comenting collars were used in the 12" portion of the string at 3299 and 2987.

8-18 - Erilled DV Collar C 2987. Tosted canding n/2300%. Held ok. 8-20 - Cleaned out to 7590.

0-21 - Fan Comoton log to 75901.

8-22 - Perforated 4 holes 6 7574 and 4 holes 6 7340 . Han Hallaburton DH Squeeze Packer to 7510 . Cemented 46" carring 7349-7574 4/50 sacks Latex cement. Reversed coment out with tubing @ 7270 gotting 2 bbls cement back.

6-23 - Casing hold 3000# pressure els. Pulled tubing and perforated 8 7250 v/4 holes. Formation broke from 4500% to 2000% pumping 6 DPM.

8-24 - Comented perforations 8 7250 w/15 sacks Latex coment. Final pressuro - 4100f.

8-25 - Drilled out cement and squeeze packer. Tested perferations 6 7250 . Hald ok & 3300%. Drilled coment out to 7510 . Tented easing & 7510 and found it would take fluid 6 2500%.

8-26 - Lano-Wolls perforated 7478-7486 and 7410-7426 using 6 capsules per

foot. Perforated 7286-7322 w/4 jots per foot. 8-28 - Fumped 1.53 BPM into perforations 7478-7486 6 4500%; pumped 5 EPM into perforations 7410-7426 0 4500%; perforations 7266-7322 would take

fluid readily @ 2500%.

8-29 - Fractured well through easing using 5 Dowell Allison pumps. Used 160,000% 60+60 sand, 160,700 gal. water containing 160 sacks Dowell J-101 and 196 sacks calcium chloride. Treating pressure 3400-3000%. Instantaneous shut-in pressure 2100%. Average Enjection East - 31 EPM. Used 50%0 gal. for flush. Propped 150 balls after 90,000%, 50 after 120,000% and 50 after 140,000%. First batch brought no pressure increase; second batch increased pressure 3200 to 3500%; third batch increased pressure 3250 to 3400%. Well unloaded by own pressure.

8-31 - Cleaned out with gas to 7439

9-1. - Sot packer 6 7465 and pumped 6 EPH into zone 7478-7486 8 5300%. Paised packer and pumped 6 EPH into zones 6 7478-7486 and 7410-7426 6 3500%. Reset packer @ 7443 and Crac'd through tubing with 8000% ko-60 sand and 21,760 gal. water. Flushed with 1764 gal. water. All water treated with J-101 and 1% adjoins chloride. Used 2 Dowell Allison pumps. PDP - 5300%; TP - 5300-5500%; TP - 2800%; ATR - 8 UPW, Pulled tubing and woll started flowing through easing. One volume was 1443 NOF after 43 hours.

9-6 - Fan 5" OD Homoo casing cutter to 2931 and cut and pulled 5" casing. Soldinberger perferated 2038 and 2053 w/4 jets per foot.

9-12 - Free'd Plotured Cliffs sand 3030-3053 w/50,000/ 10-20 sand and 23,310 gal. water containing 1% calcium chloride. Lushed 4/3460 gal. water.

DEP - 2500%; OP - 2500-1500%; ESIP - 1000%; AIR - 14.7 BPN. Ran 2 3/8"

OD BUE, 4.7% Srd. 3-55 gals tubing to 2930 . A pinned coupling was run on bottom of tubing.

9-17 - After cleaning for 11 hours gas volume tas 1297 NC%. Deadweight casing pressure 667% after well was shut in 13 hours.
9-19 - Noved in pulling unit and pulled tubing.
9-28 - Unleaded vator, cleaned out sand, set 42" 02 11.6% to 13.5% Baker Nodel "P" Packer at 7159 and ran 12" EUE, 2.7%, J-55 tubing to 7158.
9-29 - Ean 12" EUE, 2.7%, J-55 tubing to 2905.

AREA 646 ACRES

NEW MEXICO OIL CONSERVATION COMMISSION

Sauta Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Na, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission, Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

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Include	data on rate	of water inflo	w and el	levatica to	which water	rose in hole.		
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			·	CASIN	G RECORD)		
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_7 <u>u</u>	20	8R		-3038	}	***************************************		Product1
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MUDDING AND CEMENTING RECORD

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			Top of Pictured Cliffs: 3035'.	
				<i>(</i>

NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR 19.73

Form C122-A Hevised 1-1-66

POOL HAME	POOL SLOPE	FORMATION	COUNTY
South Blanco	n= 85	Pictured Cliffs	Rio Arriba

Caulkins	Oil Company		State "B" 233			
DHIT LETTER	SECTION 16	YOWNSHIP 26Vi	6/1 Gas Company of New Mex			
7.000	6.456	3038	1.660	1.380	2905	
780H 3035	10 3053	CASING NO	TUBING YES	.650	1886	
7-17-78	DATE OF FLOW TEST	7-25-78	OATE SHUT-IN PRESSURE MEASURED 8-178			

PRESSURE DATA - ALL PRESSURES IN PSIA

 (a) Flowing Casing Pressure (DWt)	(b) Plowing Tubing Pressure (DWt)		(d) Flow Chart Static Rending	(c) Heter Error (Item c — Item d)	(n Friction Loss (a - c) or (b - c)	(g) Average Heter Pressure (Integr.)
280	. 278	277	281	-1+	1	270
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. Pt = (h+1)	(j) Shut-in Cesing Pressure (DWt)	(k) Shut-in Tubing Pressure (DW)			(n) Separator or De- hydrator Pr. (DWt) for critical flow only
266	267	307	307	307	246	

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of	\\(\lambda \left(\text{ltem c} \)	Corrected Volume]
58	.9858	• 9929	9= 58	

WORKING PRESSURE CALCULATION

1			122 =			
	(1-0-*)	(P _c Q _m) ² (1000)	$(1-e^{-8}) (F_c Q_m)^2 (1000)$	Pt ²	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
	0.128	2.039	•261	71289	71,550	267

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 58$	33,733		1.4861)	1.4004	81	ucp/d
·	22,699	/				

REMARKS:

SUMMARY

ltom b	266	Pola
P	307	Paln
Q	58	MCF/D
P	267	l'ela
P	246	Pala
- a	Ø 1	MCF/D

Company Caul Ans Oil dompany

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Title Supt.

Vitnessed By

Company

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

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Caulkins Oil Company			- 1	∞i Souti	n Bla	nco Picti	ıre	ed Cli	iffs	C	ounty Ric	Arr:	iba			
Address 1600 Broadway, Suite		Den	ver,	Colo	rado	80202 T	YPE	= OF (X)	Sci	heduled [Comp	oletion []	Spec	101
	WELL		لامد	CATION		DATE OF SCHOKE TEG.	1 0/1/21	OF	PROD, DURING							
LEASE NAME	NO.	υ	5	7	R	TEST	STAT				TEST	WATER GRAV BBLS. OIL	GRAV.		GAS M.C.F.	RATIO CU.FT/BBL
State B	233	D	16	26N	6W			GAS	WELL	NO	TEST	REQU	IRED			
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No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

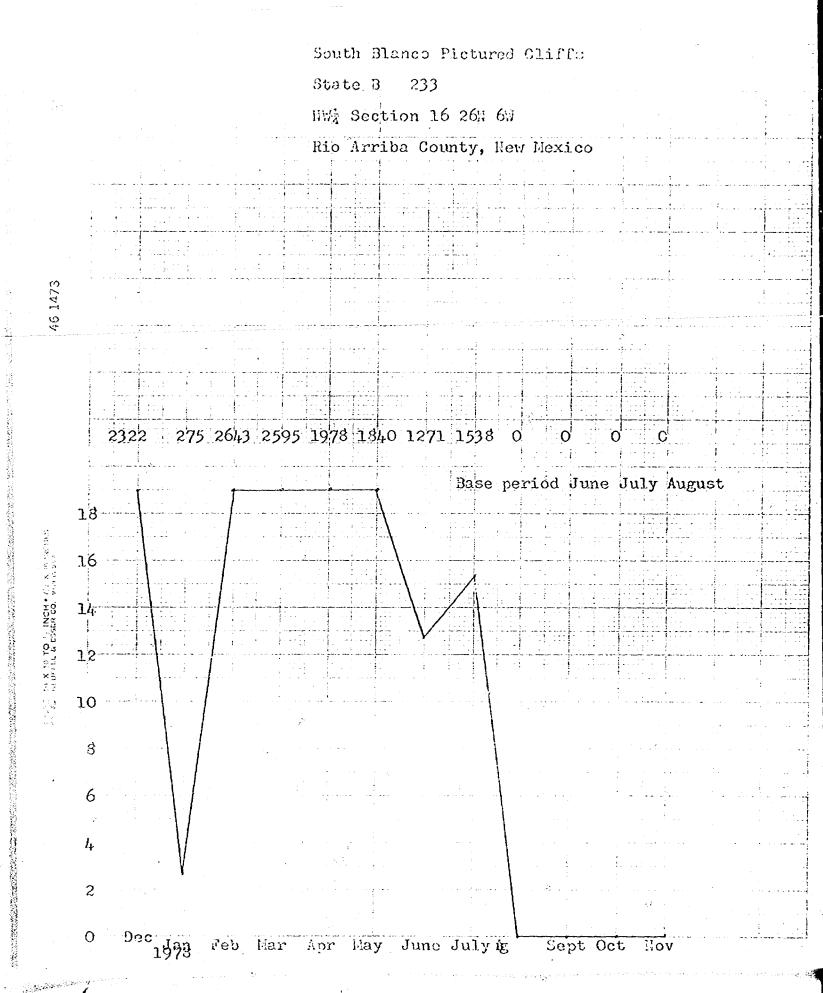
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

16 3. Acces 162

(Signature)
Arnold E. Raether, Treasurer

July 8,1979

(Date)



State B 233

Rule #17

Paragraph 5: This well seasonally affected by high line pressure July, August, September & October. Mechanical difficulty prevented production in November. Well now on line.

Paragraph 8: Well Inventory

3038' 7" 20# J-55 Smls. Casing 2905' 1 1/4" 2.4# EUE Smls. Tubing 1/2 Dual Cameron Wellhead Paragraph 9:

Arnold E. Raether, Treasurer, Caulkins Oil Company, under oath hereby certifies that a diligent search of the records and files which were reasonably available was made and all information reviewed in connection with the herein described well and that he has concluded that to the best of his information, knowledge, and belief, the well qualifies as a stripper well.

Arnold E. Raether further attests that he has no knowledge of any other information which is inconsitent with his conclusion.

Sworn to this 15th day of February, 1979.

Arnold E. Raether, Treasurer CAULKINS OIL COMPANY

STATE OF COLORADO)

COUNTY OF DENVER)

Before me the undersigned, a Notary Public, on this 15th day of February, 1979, personally appeared Arnold E. Raether, Treasurer of Caulkins Oil Company, to me known to be the identical person who executed the foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: December 6, 1980

Notary Public

I hereby certify that Caulkins Oil Company has mailed or delivered notification of the filing of the Form FERC-121 and Form C-132 to all working interest owners and to all parties to the gas purchase contract.

Attached is a list of those parties.

Arnold E. Raether, Treasurer Caulkins Oil Company

February 21, 1979

Breech Equities 17344 W. Twelve Mile Road Southfield, Michigan 48076

Caulkins Producing Company 1600 Broadway, Suite 2100 Denver, Colorado 80202

Depco, Inc. 1025 Petroleum Club Building Denver, Colorado 80202

Husky Oil Company
P. O. Box 380
Cody, Wyoming 82414

Harold C. Johns Park Motor Sales Company 18100 Woodward Avenue Detroit, Michigan 48203

Kenoil Corporation 200 Park Avenue, Room 3021 New York, New York 10017

Lorena Mayer Nidorf c/o Mr. Myron S. Fox 9441 Wilshire Boulevard, Suite 616 Beverly Hills, California 90212

Marion S. Thomas & Robert W. Thomas, as Trustees of the Marion S. Thomas Trust 4034 W. Lawrence Avenue Chicago, Illinois 60630

Paul A. Thomas, Jr. Trust of 9-1 8-73 4034 W. Lawrence Avenue Chicago, Illinois 60630

George H. Zimmerman, Trustee for Doris Zimmerman 220 Bagley Avenue, Suite 408 Detroit, Michigan 48226

Gas Company of New Mexico 1508 Pacific Avenue Dallas, Texas 75270 Attachment to Form FERC 121 and C-132

I hereby certify that Caulkins Oil Company has given notice of each Application for Determination of the Maximum Lawful Price Under the Natural Gas Policy Act of 1978 to the public through the Farmington Daily Times, Farmington, New Mexico. The approximate date of publication was Monday, February 26, 1979.

Arnold E. Raether, Treasurer Caulkins Oil Company

DRAFT

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

dr/

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

2.

CASE NO. 6540

Order No. R- 6007

APPLICATION OF CAULKINS OIL COMPANY FOR AN NGPA DETERMINATION, RIO ARRIBA COUNTY, NEW MEXICO.

IT IS THEREFORE ORDERED:

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on May 9

19 79 , at Santa Fe, New Mexico, before Examiner Daniel S. Nutter

NOW, on this day of May, 1979 , the Division

Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

That the applicant's request for dismissal should be granted.

That Case No. 6540 is hereby dismissed.

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