

30-021-20,00

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐

5. State Oil & Gas Lease No.

K-6410

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name	
2. Name of Operator Beck Producing Co.		9. Well No. 1	
3. Address of Operator 900 Medical Arts Avenue, N.E., Albuquerque, N.Mex. 87106		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1987.92</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>16</u> TWP. <u>15N</u> RGE. <u>33E</u> NMPM		12. County Harding	
19. Proposed Depth 3000 feet		19A. Formation Penn	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4290.17 GR	21A. Kind & Status Plug. Bond Blanket Bond	21B. Drilling Contractor North-Tex Drilling	22. Approx. Date Work will start October 27, 1970

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 $\frac{1}{2}$	10 3/4	200			

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES Jan 20, 1971

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Beck Producing Co.

Signed Charles Beck Title President Date October 23, 1970

(This space for State Use)

APPROVED BY J.E. Kapteina TITLE Oil & Gas Inspector DATE 10/23/70

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

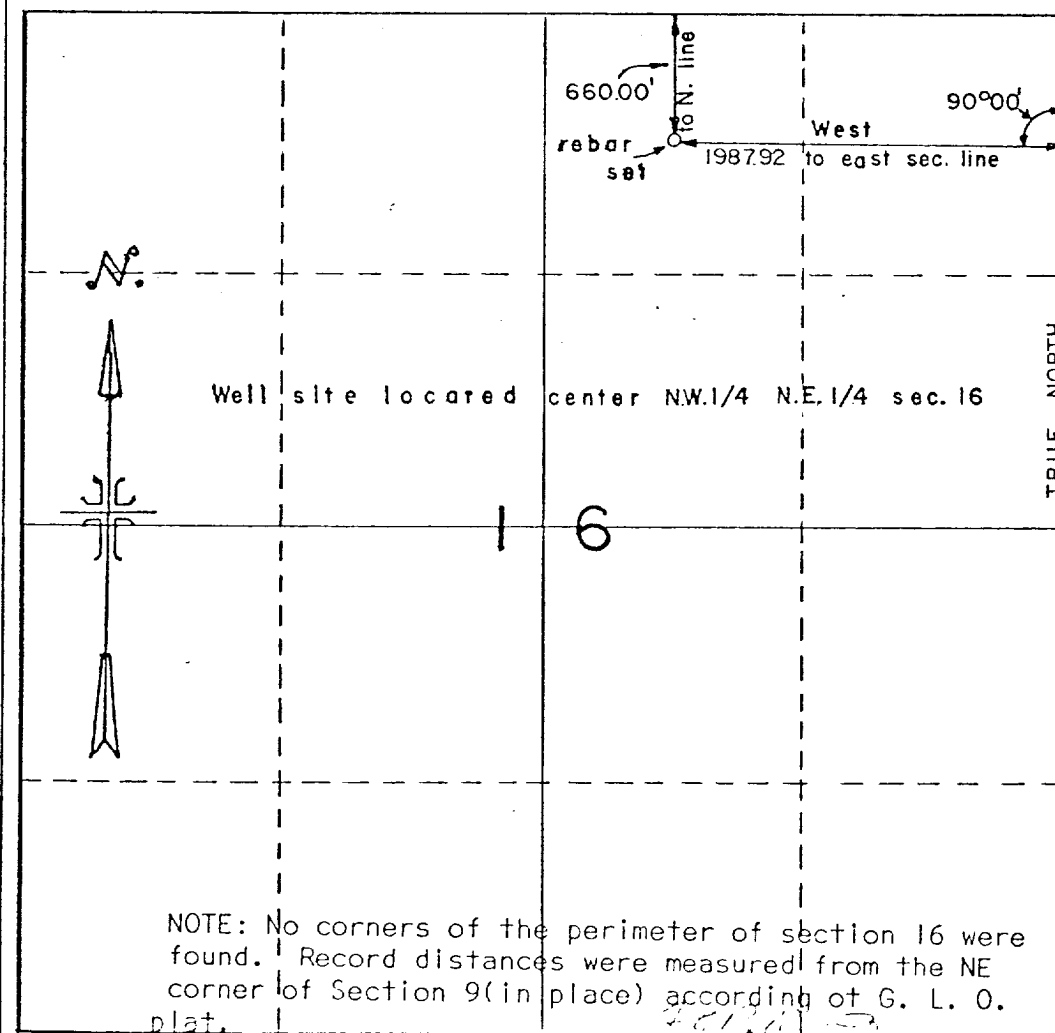
Operator Beck Producing Co.			Lease State		Well No. 1
Unit Letter B	Section 16	Township T. 15 N.	Range R. 33 E.	County HARDING	
Actual Footage Location of Well: 1987.92' feet from the E. sec. line and 660.00' feet from the N. sec. line					
Ground Level Elev. 4290.17	Producing Formation		Pool Wildcat	Dedicated Acreage: NW 1/4 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

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

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Charles Beck

Name

President

Position

Reg. N.M. Land Surveyor # 3948

Company

BALLEW & ASSOCIATES, P.A.

Date

July 1, 1970

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

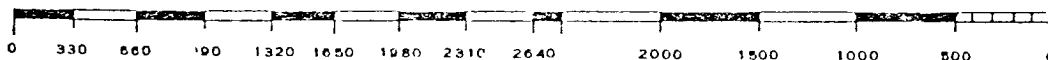
JULY 1, 1970

Registered Professional Engineer and/or Land Surveyor

J. E. Ballew, Jr.

Certificate No.

N.M.L.S. no. 3948



30-021-20,011

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
K-6410	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name Arthur Cain State	
2. Name of Operator Marion B. Edmonds & O. A. Peters		9. Well No. 1	
3. Address of Operator 3522 Mungall Dr. Apt. 4, Anaheim, California 92804		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER B LOCATED 1987.92 FEET FROM THE East LINE AND 660 FEET FROM THE North LINE OF SEC. 16 TWP. 15 N. RGE. 33 E. NMPM		12. County Harding	
21. Elevations (Show whether DF, RT, etc.) 4290.17 GR		19. Proposed Depth 1500 feet	19A. Formation San Andres
21A. Kind & Status Plug. Bond Blanket Bond	21B. Drilling Contractor Jewell Adkison	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start July 10, 1970			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	7"	20 $\frac{1}{2}$	150	75	Circulate

Drill 10" hole to 150 feet

Set 150' 7" Casing with sufficient cement to circulate to surface.

Drill 6 $\frac{1}{2}$ " hole to approximately 1500 feet

Run 5" casing to total depth and test shows if encountered.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES Oct. 11, 1970

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed O. A. Peters Title Owners & Operators Date July 3, 1970

(This space for State Use)

APPROVED BY J. E. Kapteina TITLE Oil & Gas Inspector DATE 7/13/70

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES GEOLOGY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

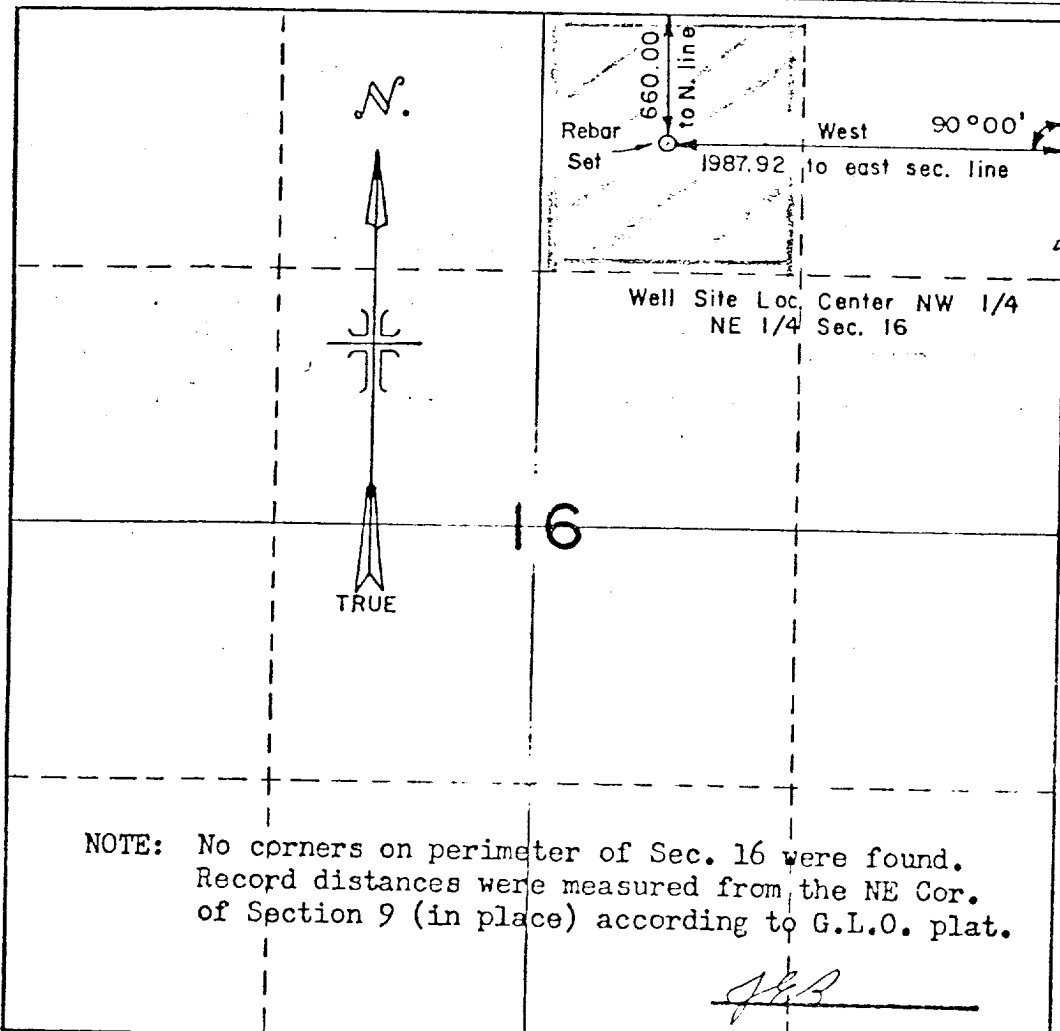
Operator Marion B. Edmonds & O. A. Peters			Lease State, Lease 9 :		Well No. 1
Unit Letter B	Section 16	Township T. 15 N.	Range R. 33 E.	County Harding	
Actual Footage Location of Well: 1987.92 feet from the East line and 660.00 feet from the North line Section 16					
Ground Level Elev. 4290.17	Producing Formation	Pool Wildcat	Dedicated Acreage: NONE Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

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

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



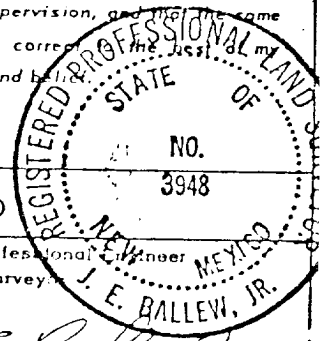
CERTIFICATION

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

Name: *Marion B. Edmonds & O. A. Peters*
Position: **Owner & Operators**
Company: **Edmonds & Peters**

Date: **July 3, 1970**

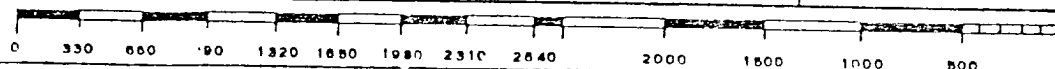
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed: **July 1, 1970**

Registered Professional Engineer and/or Land Surveyor: **J. E. BALLEW, JR.**

Certificate No. **N.M.L.S. No. 3948**



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

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	State ☒	Fee ☐
5. State Oil & Gas Lease No.	K6410	

10. TYPE OF WELL	OIL WELL ☐	GAS WELL ☐	DRY ☒	OTHER
b. TYPE OF COMPLETION	NEW WELL ☐	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
2. Name of Operator	Beck Producing Company			
3. Address of Operator	900 Medical Arts Avenue, N. E. Albuquerque, New Mexico			
4. Location of Well	UNIT LETTER <u>B</u> LOCATED <u>1987.92</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>16</u> TWP <u>15N</u> RGE. <u>33E</u> NMPM			

7. Unit Agreement Name	
8. Farm or Lease Name	Cain State
9. Well No.	1
10. Field and Pool, or Wildcat	Wildcat
12. County	Harding

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, R&B, RT, GR, etc.)	19. Elev. Casinghead
10-27-70	11-4-70	-	4290.17 GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By
1501'	Top	None	Rotary Tools	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
				No
26. Type Electric and Other Logs Run				27. Was Well Cored
None				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	20 lb.	230'	13 1/4"	130	None
5 1/2"	15.50	1397'	7 7/8"	335	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments

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

SIGNED Donald E. Reynolds TITLE Assistant State Engineer DATE 11-28-70

4

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			See attached sheets.				

BECK PRODUCING CO. #1 CAIN
Section 16, T-15N, R-33E
Harding County, New Mexico

October, 1970

- 400-10 gr sh, tr lime, tr grn sandy sh, tr sd
410-20 as above
420-30 red & gr sh, ss stringers
430-40 gr shale, ss stringers, tr angular qtz
440-50 ss fine grained loosely cemented, gr grn & red sh
450-60 ss very fine grained and tightly cemented, red & gr sh
460-70 as above w/tr gr sh
470-80 ss as above w/some greasy qtz pebbles, red & grn shale
480-90 ss as above w/qtz pebbles, red sh
490-500 ss, tr lime, gr & grn shale, tr red beds
500-10 ss fine gr, loosely cemented, rd
510-20 gr shale, grn shale, red shale, tr dense pink limestone
drilling 3"/ft.
520-30 as above, tr bentonite, tr large angular qtz grains
530-40 increase in red shale, possibly cavings
540-50 gr & grn sh, tr red shale, rust colored large angular qtz grains
550-60 as above w/increase in qtz, tr dol drilling 5"/ft.
560-70 ss very f gr tightly cement, qtz pebbles angular to sub rounded,
increase in dol
570-80 ss & qtz as above, increase in dol, tr gr sh, tr med sh
580-90 as above, tr med gr white tightly cemented ss
590-600 as above, increase in red sh-probably cavings
600-610 red shale w/qtz as above
610-20 red shale, tr dol, some f gr loosely cemented ss
620-30 as above w/increase in ss, tr grn sh
630-40 as above. ss f gr tightly cem
640-50 as above w/increase in v f gr tightly cem ss, tr qtz pebbles
650-60 as above
660-70 as above, tr med gr white tightly cem ss
670-80 ss v f gr tightly cem, rainbow oil, tr flor, tr cut gas show
drilling break 676-79
680-686 ss as above, increase in med gr ss. No show
680-90 ss med gr white, rainbow oil on cuttings, tr flor, tr cut; tr gr
sh, tr qtz pebbles
692 as above, rainbow on cuttings, tr ss w/clear rd qtz grains cem
w/yellow matrix
690-700 as above, rainbow on cuttings, tr flor, no cut, tr v tight poorl
sorted hd ss w/clear qtz gr
700-10 ss fine gr brown, ss med gr white tr flor, tr grn sh, qtz pebble

Beck Producing Co. #1 Cain
Section 16, T-15N, R-33E
Harding County, New Mexico

Page No. 2

- 710-20 ss fine gr brown, tr grn shale, tr med gr white ss w/spotty flor,
qtz pebbles, tr dol
- 720-30 ss med gr white v tightly cem, tr f gr brown ss, grn sh, tr red
sh, qtz pebbles
- 730-40 ss med gr white poorly cemented, ls white, tr grn & red sh,
tr qtz pebbles
- 740-50 ss as above, ls white-gray, red sh, tr pyrite
- 750-60 ss & ls as above, rust colored greasy qtz, gr & red sh, pyrite
- 760-70 ls & qtz as above w/decrease in ss, red & gr sh, pyrite
- 770-80 ls white-gr dense, rust colored qtz, some ss med gr white, red &
gr sh, pyrite
- 780-90 as above w/increase in ss & pyrite, tr flor in ss, tr cal w/bk
inclusion
- 790-800 ls white-gr dense, red & gr sh, tr rust colored qtz, tr anhy,
some ss med gr white, pyrite
- 800-10 ls as above, c-f gr white ss poorly cem, tr rose & clear qtz
pebbles, pyrite
- 810-20 as above w/red & grn sh, tr bentonite sh
- 820-30 ls white-gr dense, c-f gr white-clear ss poorly cem, tr flor,
no cut, pyrite
- 830-40 red shale, ls white, tr yellow ls, tr anhy, white-clear ss
tightly cem, pyrite
- 840-50 red sh as above, ls wh-gr, ss as above, tr qtz pebbles, gr sh,
pyrite
- 850-60 red siltstone, ls & ss as above, red sh, tr qtz pebbles, pyrite
- 860-70 as above w/trace v f gr poorly cem ss
- 870-80 red siltstone, red sh, qtz pebbles, tr coarse gr wh ss, tr anhy,
wh-gr ls
- 880-90 as above, tr grn sh
- 890-900 as above without grn sh
- 900-910 red siltstone, red sh, tr gr siltstone, tr gr & grn ls, tr v f
gr white ss
- 910-912 ss gr v f gr calc, tr gr siltstone, tr gr & grn ls, tr anhy, pyrite,
some red siltstone
- 912-20 as above w/increase red siltstone, rd gr clear qtz (mud fluff)
- 920-30 wh chalk, white greasy anhy, red siltstone, red sh, gr sh
- 935 tr rainbow on pit. Since no oil was in samples it is possible
that rainbow was caused by oil leak on the rig.
- 930-40 anhy white greasy, chalk white, tr gyp, tr q gr clear poorly
cem ss, rd sh & siltstone
- 940-50 anhy white to pink greasy, chalk white, gyp, tr v f gr tight ss,
rd sh & siltstone. increase oil bubbles on pit - no flor

Beck Producing Co. #1 Cain
Section 16, T-15N, R-33E
Harding County, New Mexico

Page No. 3

- 950-60 anhy wh-grn-pink greasy, chalk, gyp, ss, sh & siltstone as above,
tr wh ls
- 960-70 rd sh & siltstone, anhy as above, tr chalk & grn sh, tr med gr
ss, rainbow oil & spotty flor
- 970-80 as above w/less ss & less flor, no rainbow
- 980-90 rd siltstone slightly cal, red sh, tr brn dol dns, anhy & tr gyp,
c gr ss w-c grains sub round, spotty flor
- 990-1000 as above w/no dol, no flor, tr grn sh
- 1000-10 as above, tr dol, no grn sh
- 1010-20 siltstone & sh as above, anhy as above, tr dol, tr c gr clear qtz
- 1020-30 rd siltstone slightly calc, red sh, anhy & tr gyp, tr chalk, tr dol,
c gr clear qtz crystals sub round, spotty flor
- 1030-40 as above w/no chalk
- 1040-50 as above w/spotty flor
- 1050-60 rd siltstone slightly calc, red sh, wh anhy, tr clear anhy,
increase in dol hd & dn spot of flor. Drill break 3"-1" @ 1055
- 1060-70 as above w/wh chalk & gr sh, tr qtz pebbles, tr yellow lime
spot of flor. Drill break 1065
- 1070-80 as above w/increase in chalk & qtz pebbles, spot of flor,
drill break @ 1074
- 1080-90 rd siltstone slightly calc, v soft red sh, tr anhy, tr chalk,
tr dol, tr pyrite
- 1090-1100 as above w/increase in v soft red bentonic sh
- 1100-10 as above w/increase in anhy & no pyrite
- 1110-20 anhy wh-gr mass & w gran, chalk, red siltstone, v soft, red sh,
tr dol, qtz pebbles, tr drk br sh, tr cal
- 1120-30 rd siltstone, v soft red sh, anhy wh-gr mass & w gran, tr chalk,
tr grn sh
- 1130-40 anhy wh-gr-red greasy, siltstone red calc, dol mass dark gr dense,
tr cal, tr chalk
- 1140-45 dol dark gr ds, tr anhy, tr red siltstone, tr chalk
- 1145-50 as above, increase in anhy w-rose colored
- 1150-60 as above, tr dark gr sh
- 1160-70 as above
- 1170-80 dol dark gr-w dns, anhy w-rose, tr gyp, tr chalk
- 1180-90 anhy as above, some granular anhy, dol, gyp & chalk as above,
tr red sh
- 1190-1200 anhy as above w/some blk deposits in cleavage plane, dol decreased,
gyp & chalk as above
- 1200-10 as above w/red sh

Beck Producing Co. #1 Cain
Section 16, T-15N, R-33E
Harding County, New Mexico

Page No. 4

- 1210-20 anhy w-rose, dol drk-gr-grn, tr red sh, tr chalk, tr pyrite
1220-30 anhy as above, some anhy w/drk brn calc deposit on surface, tr white lm, tr chalk, tr drk gr calc sh
1230-40 as above with increase in dol
1240-50 anhy w-rose, tr wh lm, tr dol, tr red sh, tr white chalk
1250-60 gr sh soft bentonitic, gr sh calc, gr dol, anhy w-gr greasy, tr red sh
1260-70 sh as above, dol dark gr hard & dense, anhy as above, tr chalk, tr red sh
1270-80 gr sh soft bent, gr sh cal, anhy white granular, white chalk, tr gr dol, tr red sh
1280-90 anhy wh-gr-rose, dol v hard & tight dark gray, tr red sh
1290-1300 as above, tr dark brown possible volcanic, tr yellow anhy
1300-10 anhy wh-gr-blk, some greasy anhy, dol as above, tr red sh, tr gr sh, tr gran anhy, tr chalk
1310-20 dol dense dark gray, anhy as above, tr red sh, crystalline calcite, tr chalk, crystalline gyp
1320-30 anhy as above, dol decreased fr above, tr red sh, crystalline calcite, tr chalk. Drilling break from 5"/' to ½"/' @ 1333
1330-40 as above. further decrease in dol, increase in chalk
1340-50 dol dense dark gr, anhy w-gr greasy & white granular, tr red sh, tr gyp
1350-60 dol porous dark gr, no flor, no cut; dense dol & anhy as above, tr gyp
1360-70 dol dense dark gr-brn, tr porous as above, anhy & gyp as above
1370-80 dol dense dark gr-brown, anhy & gyp as above. Drlg. break @ 1382 5"-2"
1380-90 as above (22" to get up samples) Drilled 1½"-3"/ft to 1391
1390-95 dol porous - live oil in samples, yellow flor, cut-dol, anhy & gyp as above (this sample was taken from drill break of 1382-1391)

Notes: Obtained drilling break from 1382-1391. Prior to break rate was averaging 5"/ft.
1382-1391 drilled at 1½"-3"/ft.
From 1391-1397 rate averaged 5"/ft. with 1' drilling in 7".
At 1397½ rate increased abruptly and circulation was lost.
Attempted to regain circulation by adding lost circulation material without success.

BECK PRODUCING CO. #1 CAIN
Section 16, T-15N, R-33E
Harding County, New Mexico

Page No.5

1395-1400 Hard gray lime, tr red bed, w/sand anhy
1400-1405 Hard gray lime, tr red bed, black shale, tr sand anhy
1405-1410 Gray lime, tr brown sand, black shale anhy
1410-1415 tr w/sand gray lime, tr chaulk anhy
1415-1420 gray lime, tr w/sand, tr red bed, tr black shale anhy, something
red unknown
1420-1425 tr flor gray lime, tr chaulk anhy
1425-1430 gr lime, tr w/sand tr anhy
1430-1435 hard dense gr lime, tr black shale, tr anhy, tr red shale
1435-1440 gr lime, tr anhy, tr w/sand, black shale
1440-1445 same as above
1445-1450 same as above tr red bed
1450-1455 tr black shale, tr gray lime, tr chaulk anhy
1455-1460 same as above tr red shale
1460-1465 brown sand, tr black shale, anhy, tr gray lime
1465-1470 brown sand, tr brown lime tr anhy, tr chalk
1470-1475 hard brown lime tr black shale, brown sand, tr chalk, anhy
1475-1480 tr chalk, tr anhy, tr brown sand, dense brown lime
1480-1485 gray lime, anhy, tr brown lime
1485-1490 hard gray lime, tr brown lime anhy
1490-1495 same as above, tr brown sand
1495-1501 gray shale, gray lime, tr anhy, tr brown sand

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NEW MEXICO OIL CONSERVATION COMMISSION

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

PEA

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. K-6410
7. Unit Agreement Name
8. Farm or Lease Name Calixix State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Harding

SUNDY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator Beck Producing Company
3. Address of Operator 900 Medical Arts Avenue, NE, Albuquerque, NM 87106	4. Location of Well UNIT LETTER B 1,987.92 FEET FROM THE East LINE AND 660 FEET FROM THE North LINE, SECTION 16 TOWNSHIP 15N RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4290.17 GR	16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

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

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

Moved rig in on location October 27, 1970. Rigged up and started drilling operations. Set 220 feet of 8 5/8 surface casing. Cemented with 200 sks of cement. Drilled well to TD of 1397 feet. Set 2x5/8 5 1/2 casing to 1379 feet. Cemented with 375 sks cement. Waiting on cable tools.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED <u>Ronald E. Brown Jr.</u>	TITLE <u>Drilling Supt.</u>	DATE <u>11/14/70</u>
APPROVED BY <u>J. Kaptana</u>	TITLE <u>Asst. Ins. Inspector</u>	DATE <u>6/16/71</u>
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. K6410
7. Unit Agreement Name
8. Farm or Lease Name Cain State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Harding

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

1. OIL WELL ☒ GAS WELL ☐ OTHER- ☐
2. Name of Operator Beck Production Company
3. Address of Operator 900 Medreal Arts Ave. Albuquerque, New Mexico
4. Location of Well UNIT LETTER B 1987.92 FEET FROM THE East LINE AND 660 FEET FROM THE North LINE, SECTION 16 TOWNSHIP 15N RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4290-17 GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

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

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

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

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

Panhandle Pluggers, Inc. Box 742, Pampa, Texas 79065, moved in equipment to plug and abandon the Cain State Well # 1, on Oct. 25, 1979. On Oct. 26, 1979, we ran tubing to 375' and tried to wash down, but could not get any deeper. Mixed 15 sacks of cement and filled hole to top with cement. Place 4" marker on well. Completed on 10-26-79.

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

SIGNED Kenneth C. Linsman

TITLE President

DATE 10-29-79

APPROVED BY Carl Ulvog

TITLE

DATE 11-5-79

CONDITIONS OF APPROVAL, IF ANY: