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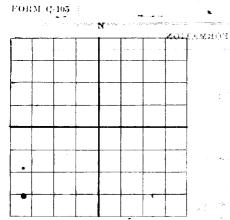
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NEW MEXICO OIL CONSERVATION COMMIS

Santa Fe, New 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. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?): SUBMIT IN TRIPLICATE. 

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Position District Superintendent

# FORMATION RECORD

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# ATTACEMENT TO FORM NO. C-105 SHELL ANSO OIL COMPORATION NO. 1

# DRILL STEM TEST NO. 1:

Took D.S.T. No. 1 from 6561 feet to 6646 feet with Johnston double bomb — double wall packer assembly with 3/8-inch bettem hole choke and 1/4-inch top choke. Tool open 5 1/2 hours and packer held 1805. Excellent air blow immediately. Gas to surface in 5 minutes, and and 35 to surface in 45 minutes, oil and 35 to surface in 1 hour 30 minutes. Flowed 114 barrels mud, 35, and oil in 4 3/4 hours. During last portion of test, in which clean oil was produced, flowed 15 barrels oil through a 1 1/2-inch open top in 1 1/4 hours. Gas oil ratio equals 4350. Then flowed 6.8 barrels oil through a 1/4-inch top choke in 1 1/4 hours. Gas oil ratio equals 5360. During last 30 minutes produced only gas. Gas volume still increasing at end of test. Unseated packer and bled off gas for 2 1/2 hours. Pulled 5250 feet dry tubing and then tubing unleaded oil and gas for 20 minutes. Recevered 92\* (0.67 barrels) oil, gravity 46.9 degrees A.P.I. corrected, and 184\* (1.34 barrels) oil and BS. Hydrostatic mud head 30%0 p.s.i. Flowing bottom hole pressure varied fr from 2200 to 1350 p.s.i. Ten minute shut in bottom hole pressure 2350 p.s.i.

# DRILL STEM TEST NO. 2:

Teck D.S.T. No. 2 from 6606 feet to 6646 feet with Johnston double bomb—double wall packer assembly with 3/8-inch bettem hele choke and 1 1/2-inch open top. Tool open 4 3/4 hours. Excellent air blew immediately. Gas to surface in 4 minutes. BS and mud to surface in 2 hours and 10 minutes. Oil and BS to surface in 2 hours and 45 minutes. Them flowed 17.55 barrels fluid, average cut 4 5/10% BS and 5% water through an open 1 1/2-inch Johnston flow head in 2 hours. Tubing pressure from 25 to 100 p.s.i. Gas oil ratio squals 1063. Reversed out D.S.T. to pits. Pulled D.S.T. No. 2. Hydrostatic mud head equals 3100 p.s.i. Flowing bottom hole pressure increased from 750 p.s.i. to 1650 p.s.i. in 2 hours and them declined to 600 p.s.i. in 2 3/4 hours. Thirty minute shut in bottom hole pressure equals 1200 p.s.i.

# ATTACHMENT TO FORM NO. 0-105 SHELL ARGO OIL CORPORATION NO. 1

# THILL STEM TEST NO. 1:

Took D.S.T. No. 1 from 6561 feet to 6646 feet with Johnston double bomb - double wall packer assembly with 3/6-inch bottom hole choke and 1/4-inch top choke. Tool open 5 1/2 hours and packer held 100%. Excellent air blow immediately. Gas to surface in 5 minutes, mud and BS to surface in 45 minutes, oil and BS to surface in 1 hour 30 minutes. Flowed 114 barrels mud, BS, and oil in 4/4 hours. During last portion of test, in which clean oil was produced, flowed 15 barrels oil through a 1/4-inch open top in 1/4 hours. Gas oil ratio equals 4/35C. Then for a 6.8 barrels oil through a 1/4-inch top choke in 1/4 hours. Gas oil ratio equals 5/360. During last 30 minutes produced only gas. Gas volume still increased at and of test. Unseated packer and bled off gas for 2/4 hours. Fulled 5/250 fast tubing and then tubing unloaded oil and gas for 2/4 hours. Recovered 9/21 fast dry tubing and then tubing unloaded oil and gas for 2/40 minutes. Recovered 9/21 fast 1/40 barrels) oil, gravity 1/40 degrees 1/40. Flowing bottom hole pressure varied from 1/41 and BS. Hydrostatic mud head 1/4200 p.s.i. Flowing bottom hole pressure varied from 1/4200 to 1/430 p.s.i. Ten minute shut in bottom hole pressure 1/430 p.s.i.

### THILL STEN THAT HO, 2:

Took D.S.T. No. 2 from 6606 feet to 6646 feet with Johnston double bomb - double wall packer assembly with 3/8-inch bottom hole choke and 1 1/2-inch open top. Tool open 4 3/4 hours. Excellent sir blow immediately. Gas to surface in 4 minutes. Stand and to surface in 2 hours and 10 minutes. Oil and BS to surface in 2 hours and 45 minutes. Then flowed 17.55 barrels fluid, average cut 4 5/10% as and 5% water through an open 1 1/2-inch Johnston flow head in 2 hours. Tubing pressure from 25 to 100 p.s.i. Gas oil ratio equals 1063. Reversed out D.S.T. to pits. Fulled D.S.T. No. 2. Hydrostatic and head equals 3100 p.s.i. Flowing bottom hole pressure increased from 750 p.s.i. to 1650 p.s.i. in 2 hours and them declined to pressure increased from 750 p.s.i. to 1650 p.s.i. in 2 hours and them declined to pressure equals 1200 p.s.i.

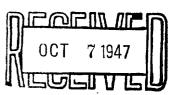






Job separation sheet

# RVATION COMMI. ION



Sumbit this report in triplicate to the Oil Conservation Commission or its proper agent within ten datables precified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNI TIONS		11 11	REPORT ON	REPAIRING	WELL	
REPORT ON RESULT O	F SHOOTING OR CHEM- OF WELL	x		PULLING O	R OTHERWISE	
REPORT ON RESULT SHUT-OFF	OF TEST OF CASING		REPORT ON	DEEPENING	G WELL	
REPORT ON RESULT O	F PLUGGING OF WELL					
	0-4-5	- 2 201		Walter Wa	Vandan	,
		r 3. 194	Date	Hobbs, Ne	Place	
OIL CONSERVATION ( SANTA FE, NEW MEX Gentlemen:						
Following is a report on t	the work done and the rest		<u>-</u> -	-	bove at the	
Shell Oil Company,	Incorporated Allor Operator	reo Oil	Gorporation Lease	Well 1	No. 1	in the
St/4	of Sec. 15	. т	41	. R. 3	<b>77-3</b> , 1	y Mr p Mr
rinkard			,	, IV	, ,	
he dates of this work w	ere as follows: 9-21-	-47, 9-2	2,47, 9-28-	17		
Notice of intention to do	the work was	submitted	on Form C-102	on	<u> </u>	1947_
Freeted with	TAILED ACCOUNT OF 2000 gallons 15%	acid in	3 stages.	Set forms	stion packer	•
freated with feet to exclude a barrels oil throu	a 2000 gallons 15% excess gas. After agh a 16/64-inch cl	acid in acid pr boke in :	3 stages. educed on or the hours.	Set forms  fficial po  as oil re  Incorpore	tion packer tential test tio equals (	89.1 77.
freeted with  feet to exclude a  barrels oil throught	2000 gallons 15% excess gas. After agh a 16/64—inch ch	acid in acid pr hoke in : Shell 0	duced on or hours.	Set forms  [ficial potential ref.	tion packer tential test tio equals (	77.
freeted with  feet to exclude of  barrels oil throw  Vitnessed by John F	2000 gallons 15% excess gas. After agh a 16/64—inch ch Pevehouse Name before me this 3rd	acid in acid pr boke in : Shell C	hereby swear or true and correct	fficial polar oil relations in the state of	tion packer stential test tio equals (	77.
freeted with  feet to exclude of  barrels oil throught	2000 gallons 15% excess gas. After agh a 16/64—inch ch Pevehouse Name before me this 3rd	soid in soid probable in the s	duced on or company.  Company.  Company.  true and correctance N. C. 1	fficial polar oil relations of the second relations of	tential test tio equals f	77.
free ted with  feet to exclude of barrels oil throw  Vitnessed by John F  Subscribed and sworn  day of Oct	2000 gallons 15% excess gas. After agh a 16/64—inch ch Pevehouse Name before me this 3rd	soid in soid probable in the s	hereby swear or true and corrections.	fficial policial poli	tion packer  tential test  tio equals f  the information s  atendent	Sion Fores
feet to exclude of barrels oil throw  Witnessed by John F  Subscribed and sworn  day of Oct	2000 gallons 15% excess gas. After agh a 16/64—inch ch Pevehouse Name before me this 3rd	soid in  soid pr  hoke in :  Shell C	hereby swear or true and corrections.	fficial policial poli	tential test tio equals for the information standard	Sion Fores
feet to exclude of barrels oil throw  Witnessed by John F  Subscribed and sworn  day of Oti	2000 gallons 15% excess gas. After agh a 16/64—inch ch  Pevehouse  Name  before me this 3rd  Sauce	soid in  acid pr  boke in :  Shell C	duced on city hours.  Company.  Comp	ficial policial polic	tential test tio equals for the information standard	stion Forestille
feet to exclude of barrels oil throw  Witnessed by John F  Subscribed and sworn  day of Oti	Pevenonee  Name  before me this 3rd  Notary Publ	soid in  acid pr  boke in :  Shell C	duced on city hours.  Company.  Comp	ficial policial polic	tion packer  tential test  tio equals  the information s  intendent  Company, Incompany	stion Forestille
Treated with  feet to exclude of barrels oil throw  Vitnessed by John F  Subscribed and sworn  day of Gei  My commission expires  Remarks:	Pevenomee  Name  before me this 3rd  Notary Publ  My Commission Expires Sept.	soid in  acid pr  boke in :  Shell C	duced on city hours.  Company.  Comp	ficial policial polic	tion packer tential test tio equals the information of the information	Sion Foren Fitle given above
Treated with  feet to exclude of barrels oil throw  Witnessed by John F  Subscribed and sworn  day of Gei  My commission expires  Remarks:	Pevenonee  Name  before me this 3rd  Notary Publ	soid in  acid pr  boke in :  Shell C	duced on city hours.  Company.  Comp	ficial policial polic	tion packer  tential test  tio equals  the information s  intendent  Company, Incompany  Description  Market  Pill & GAS	stion Forestille

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• Marine State Control

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